

# Converting Colors

XYZ(81.4712, 85.3404, 93.4090)

Have a look what the booklet for  
XYZ(81.4712, 85.3404, 93.4090)  
contains.

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# Color

**XYZ(81.3134, 85.0921,  
93.0277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EFEEDE
RGB	239, 237, 238
RGB Percent	94%, 93%, 93%
CMY	0.0627, 0.0706, 0.0667
CMYK	0.00, 0.01, 0.00, 0.06
HSL	330°, 6%, 93%
HSV	330°, 1%, 94%
XYZ	81.3134, 85.0921, 93.0277
YIQ	237.7120, 0.8710, 0.7350

# Conversions

## Conversions Part 2

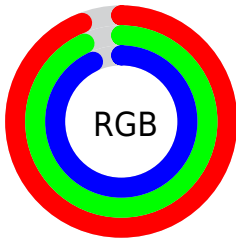
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	239, 237, 238
Decimal	15724014
CIE Lab	93.92, 0.85, -0.26
CIE LCh	94, 0.888, 343.195
Yxy	85.0921, 0.3134, 0.3280
Android (android.graphics.Color)	4293914094 (0xFFEFEEDEE)
YUV	237.7120, 0.1420, 1.1296
Hunter-Lab	92.2454, -4.0834, 4.7789

# Details

The XYZ color **81.3134, 85.0921, 93.0277** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.2273, 85.9128, 93.1948**, and the grayscale version is **81.0459, 85.2666, 92.8553**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4958, 46.4924, 50.8847** is the 20% darker color. If you saturate the color by 10%, you get **73.1494, 71.4851, 81.9150**, and if you desaturate by 10%, it is **88.6084, 96.7715, 104.4300**.

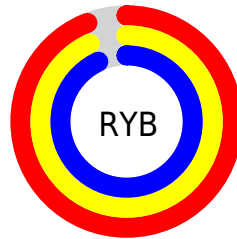
# Distribution



Red (94%)

Green (93%)

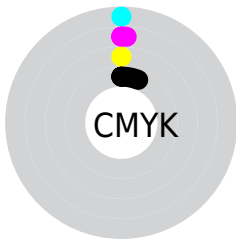
Blue (93%)



Red (94%)

Yellow (93%)

Blue (93%)

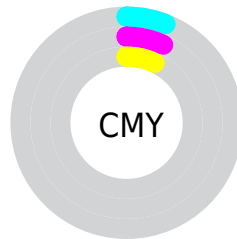


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (6%)

Magenta (7%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3134, 85.0921, 93.0277 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 81.3134, 85.0921, 93.0277 by changing the saturation by 10% instead.



81.3134, 85.0921,  
93.0277

81.3134, 85.0921,  
93.0277

488.0175,  
511.9328, 558.6536

61.1119, 63.9175,  
69.9067

134.1516,  
140.5018, 153.5090

44.5684, 46.5838,  
50.9742

167.5190,  
175.5058, 191.7064

31.3174, 32.7068,  
35.8115

206.0058,  
215.8882, 235.7664

20.9937, 21.9019,  
24.0001

249.9773,  
262.0337, 286.1075

13.2318, 13.7849,  
15.1215

299.7989,  
314.3264, 343.1482

7.6665, 7.9712,  
8.7571

355.8358,

3.9323, 4.0765,

373.1509, 407.3071

4.4885

418.4536,  
438.8916, 479.0027

■ 1.6639, 1.7165,  
1.8970

■ 0.4335, 0.4343,  
0.4908

■ 81.3134, 85.0921,  
93.0277

■ 81.3134, 85.0921,  
93.0277

■ 73.1494, 71.4851,  
81.9150

■ 88.6084, 96.7715,  
104.4300

■ 65.9837, 59.6925,  
71.7001

■ 89.4071, 97.0910,  
108.6359

■ 59.7780, 49.6397,  
62.3598

■ 54.4882, 41.2430,  
53.8676

■ 50.0672, 34.4114,  
46.1955

■ 46.4629, 29.0455,  
39.3135

■ 43.6177, 25.0340,  
33.1893

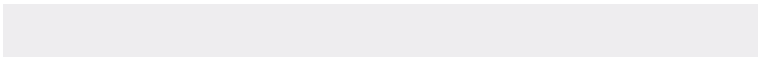
■ 41.4655, 22.2493,  
27.7870

■ 39.9281, 20.5395,  
23.0664

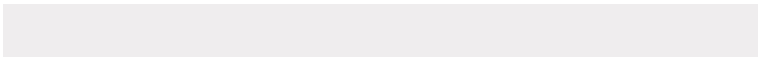
# Harmonies

## Analogous

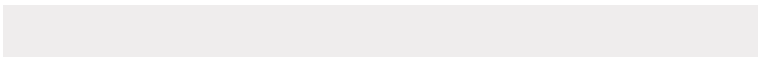
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.1890, 85.0921, 93.6031



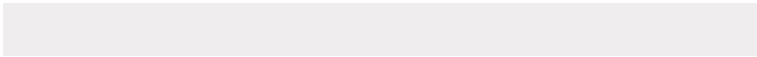
81.3134, 85.0921, 93.0277



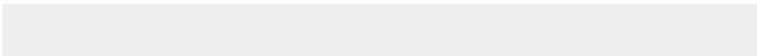
81.3208, 85.0921, 92.3540

# Triad

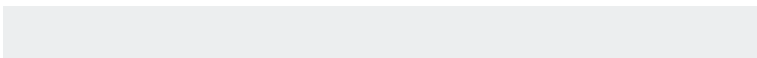
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3134, 85.0921, 93.0277



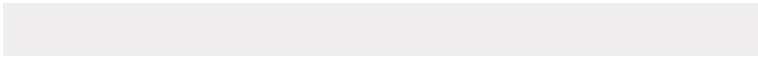
80.7738, 85.0921, 91.3892



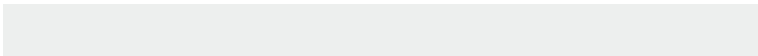
80.5466, 85.0921, 93.5447

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



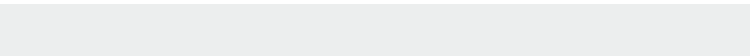
81.3134, 85.0921, 93.0277



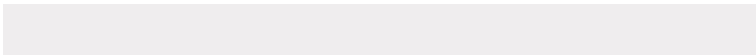
81.2273, 85.9128, 93.1948

# Split Complementary

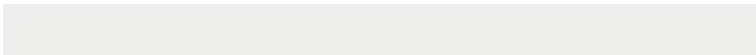
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.4358, 85.0921, 92.9483



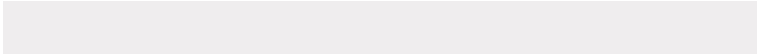
81.3134, 85.0921, 93.0277



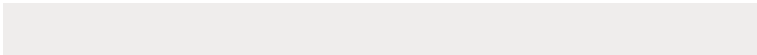
80.5668, 85.0921, 91.7050

# Square

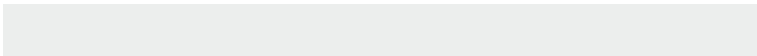
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



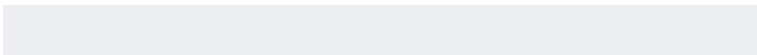
81.3134, 85.0921, 93.0277



81.0090, 85.0921, 91.4102



80.4431, 85.0921, 92.2750

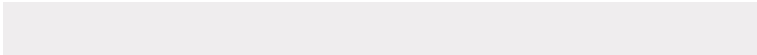


80.7461, 85.0921, 93.9026

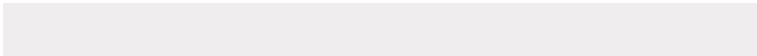


# Rectangle

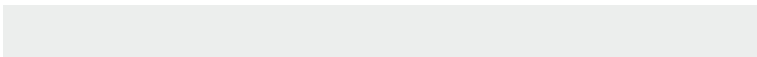
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



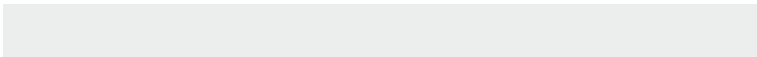
81.3134, 85.0921, 93.0277



81.2585, 85.0921, 91.9399



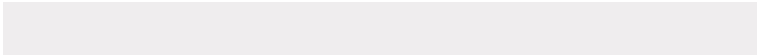
80.4431, 85.0921, 92.2750



80.4977, 85.0921, 93.3654

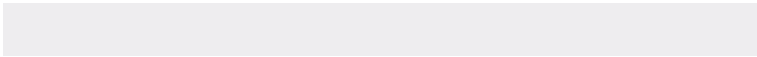
# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81.3158, 85.0958, 93.0296

95.0500, 100.0000, 108.9000



81.1271, 84.9815, 93.7898



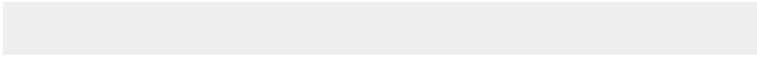
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

# Same Dimension

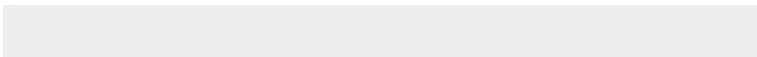
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3158, 85.0958, 93.0296



94.0369, 98.3018, 107.5510



81.1698, 85.0374, 92.2608



17.6252, 18.4311, 20.1601



21.5869, 10.9072, 11.0073

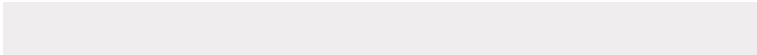


1.8460, 0.9275, 1.1801



# Inverse Universe

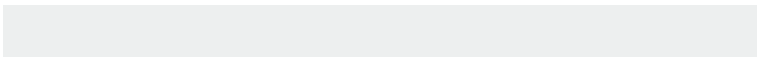
The Inverse Universe completely reimagines the original color for something new.



81.3158, 85.0958, 93.0296



94.0369, 98.3018, 107.5510



81.3741, 85.9715, 93.9679



17.6252, 18.4311, 20.1601



21.5869, 10.9072, 11.0073

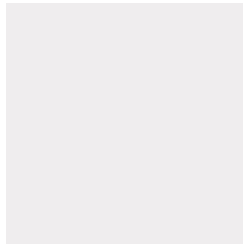


1.8460, 0.9275, 1.1801



# Previews

## White Background



This preview shows how the XYZ color 81.3134, 85.0921, 93.0277 looks on a white background.

## Color Contrast Check

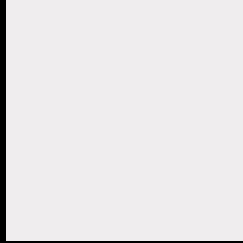
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the XYZ color 81.3134, 85.0921, 93.0277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

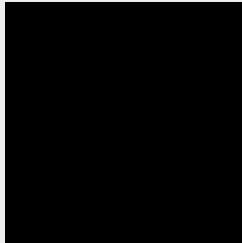
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

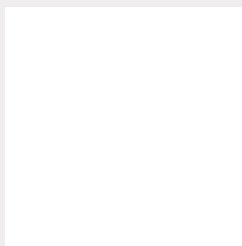


**XYZ 81.3134, 85.0921, 93.0277**

## **Background**



This preview shows how black text looks on a background with the XYZ color 81.3134, 85.0921, 93.0277.



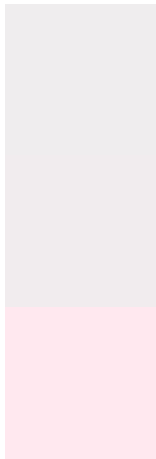
This preview shows how white text looks on a background with the XYZ color 81.3134, 85.0921,

93.0277.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

81.3134, 85.0921, 93.0277

### Protanopia

81.7037, 84.8647, 92.9632

### Deuteranopia

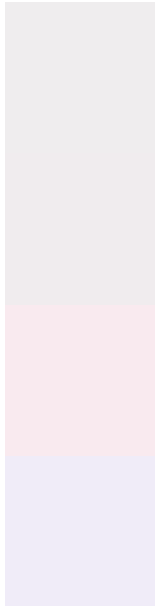
85.6766, 85.2052, 93.5920



## Tritanopia

83.7136, 85.2093, 104.9634

# Trichromacy



## Original Color

81.3134, 85.0921, 93.0277

## Protanomaly

81.3632, 84.6892, 92.9473

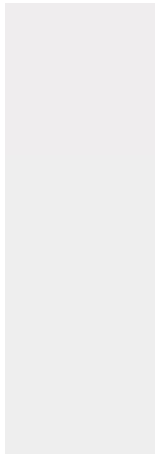
## Deuteranomaly

84.0697, 85.2174, 93.6790

## Tritanomaly

82.8739, 85.2935, 100.9023

# Monochromacy



## Original Color

81.3134, 85.0921, 93.0277

## Achromatopsia

81.2670, 85.4993, 93.1087

## Achromatomaly

81.2670, 85.4993, 93.1087

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 81.3134, 85.0921, 93.0277 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(239, 237, 238) looks like.

```
.text, #text, p{  
    color:rgb(239, 237, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 237, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 237, 238) }
```

## Border

The CSS property to change the border of an element to XYZ 81.3134, 85.0921, 93.0277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 237, 238) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 237, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 237, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 237, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 237, 238);  
box-shadow:4px 4px 4px 4px rgb(239, 237,  
238) }
```



# Background

The CSS property to change the background color of an element to XYZ 81.3134, 85.0921, 93.0277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 237, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
237, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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