

Converting Colors

XYZ(81.4790, 85.2715, 95.0726)

Have a look what the booklet for
XYZ(81.4790, 85.2715, 95.0726)
contains.

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Color

**XYZ(81.4213, 85.0964,
95.3530)**

Conversions

Conversions Part 1

Format	Color
Hex	EEEDF1
RGB	238, 237, 241
RGB Percent	93%, 93%, 95%
CMY	0.0667, 0.0706, 0.0549
CMYK	0.01, 0.02, 0.00, 0.05
HSL	255°, 12%, 94%
HSV	255°, 2%, 95%
XYZ	81.4213, 85.0964, 95.3530
YIQ	237.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

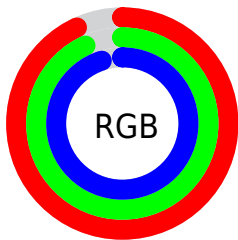
Format	Color
R _Y B	238, 237, 241
Decimal	15658481
CIE Lab	93.92, 1.05, -1.82
CIE LCh	94, 2.103, 299.997
Yxy	85.0964, 0.3109, 0.3250
Android (android.graphics.Color)	4293848561 (0xFFEEEDF1)
YUV	237.7550, 1.5998, 0.2149
Hunter-Lab	92.2477, -3.8827, 3.2875

Details

The XYZ color **81.4213, 85.0964, 95.3530** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.6797, 87.5526, 92.6667**, and the grayscale version is **81.0691, 85.2910, 92.8819**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5722, 46.4956, 52.5243** is the 20% darker color. If you saturate the color by 10%, you get **69.1356, 69.0934, 92.9129**, and if you desaturate by 10%, it is **92.8774, 99.1310, 97.4594**.

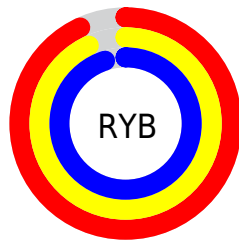
Distribution



Red (93%)

Green (93%)

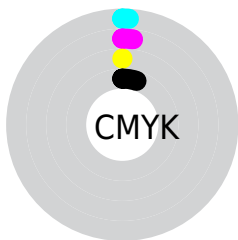
Blue (95%)



Red (93%)

Yellow (93%)

Blue (95%)

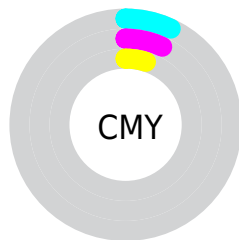


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (5%)



Cyan (7%)

Magenta (7%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.4213, 85.0964, 95.3530 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 81.4213, 85.0964, 95.3530 by changing the saturation by 10% instead.

81.4213, 85.0964,
95.3530

81.4213, 85.0964,
95.3530

488.3738,
511.9470, 566.3076

61.2011, 63.9210,
71.8303

134.3022,
140.5079, 156.7520

44.6407, 46.5867,
52.5341

167.6937,
175.5127, 195.4653

31.3745, 32.7091,
37.0458

206.2063,
215.8962, 240.0793

21.0374, 21.9037,
24.9469

250.2054,
262.0428, 291.0125

13.2640, 13.7861,
15.8188

300.0563,
314.3367, 348.6833

7.6888, 7.9721,
9.2431

356.1245,

3.9466, 4.0771,

373.1625, 413.5105

4.8011

418.7752,
438.9044, 485.9124

■ 1.6720, 1.7168,
2.0743

■ 0.4386, 0.4345,
0.6004

■ 81.4213, 85.0964,
95.3530

■ 81.4213, 85.0964,
95.3530

■ 69.1356, 69.0934,
92.9129

■ 92.8774, 99.1310,
97.4594

■ 58.3407, 55.1934,
90.7989

■ 48.9805, 43.3113,
88.9988

■ 40.9928, 33.3516,
87.4973

■ 34.3106, 25.2114,
86.2783

■ 28.8609, 18.7777,
85.3237

■ 24.5631, 13.9246,
84.6135

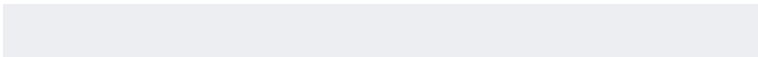
■ 21.3264, 10.5084,
84.1247

■ 19.0442, 8.3576,
83.8298

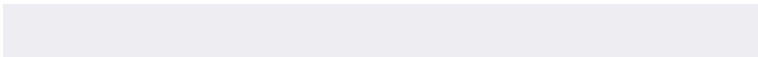
Harmonies

Analogous

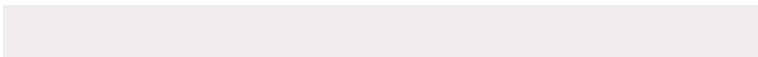
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8815, 85.0964, 95.7748



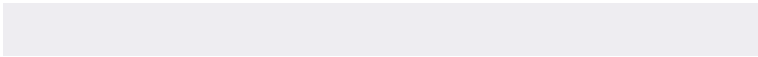
81.4213, 85.0964, 95.3530



81.8180, 85.0964, 94.2067

Triad

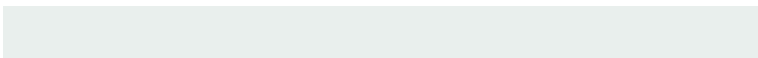
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.4213, 85.0964, 95.3530



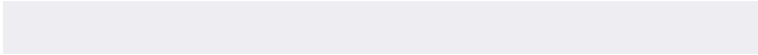
81.4214, 85.0964, 90.0096



79.8092, 85.0964, 92.6553

Complementary

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



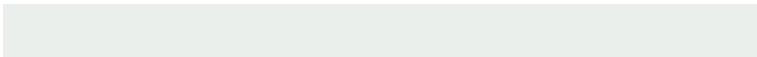
81.4213, 85.0964, 95.3530



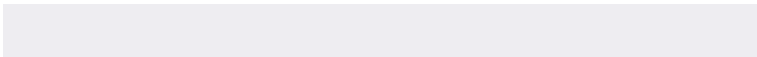
82.6797, 87.5526, 92.6667

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.



79.9523, 85.0964, 91.1214



81.4213, 85.0964, 95.3530



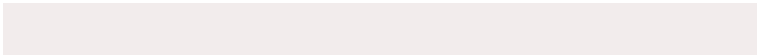
80.8816, 85.0964, 89.6047

Square

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



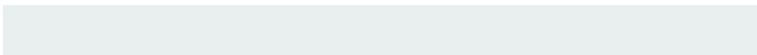
81.4213, 85.0964, 95.3530



81.8181, 85.0964, 91.1217



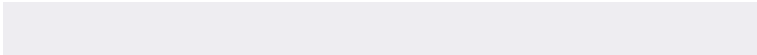
80.3442, 85.0964, 90.0094



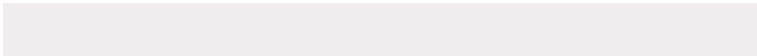
79.9523, 85.0964, 94.2064

Rectangle

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



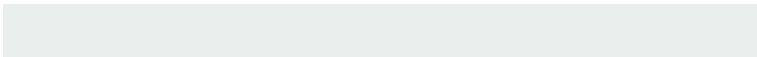
81.4213, 85.0964, 95.3530



81.9470, 85.0964, 93.1924



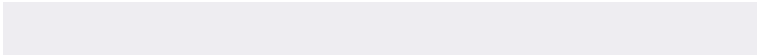
80.3442, 85.0964, 90.0094



79.8254, 85.0964, 92.1207

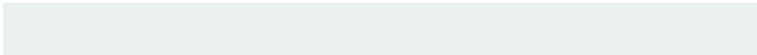
Sweetspot

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



81.4237, 85.1000, 95.3549

95.0500, 100.0000, 108.9000



81.9848, 86.7174, 95.6375



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.



81.4237, 85.1000, 95.3549



92.0499, 96.0701, 108.2996



82.0767, 85.4367, 95.3854



17.2733, 18.0359, 20.2925



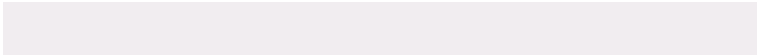
9.7261, 4.0194, 45.3911



0.8971, 0.3797, 3.7802

Inverse Universe

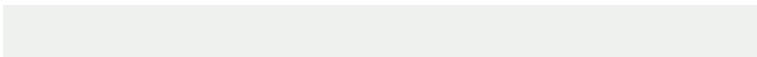
The Inverse Universe completely reimagines the original color for something new.



82.2910, 85.5643, 94.6208



93.2405, 96.7075, 107.2904



82.0265, 87.2158, 92.6362



17.4841, 18.1487, 20.1139



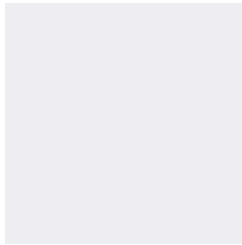
24.2469, 11.9712, 25.0143



2.0565, 1.0116, 2.2882

Previews

White Background



This preview shows how the XYZ color 81.4213, 85.0964, 95.3530 looks on a white background.

Color Contrast Check

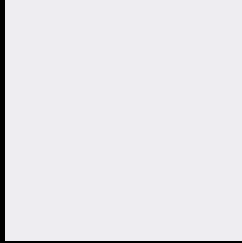
Large Text (above 18pt) WCAG AA × Fail

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 81.4213, 85.0964, 95.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

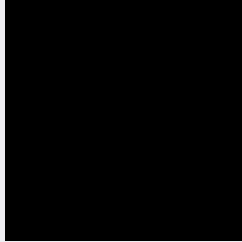
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

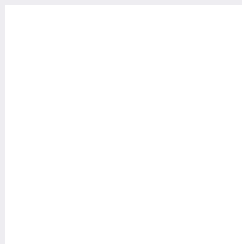
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.4213, 85.0964, 95.3530

Background



This preview shows how black text looks on a background with the XYZ color 81.4213, 85.0964, 95.3530.



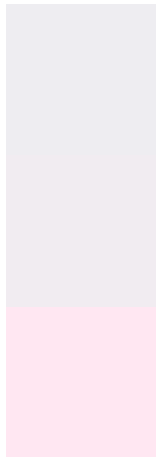
This preview shows how white text looks on a background with the XYZ color 81.4213, 85.0964,

95.3530.

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

81.4213, 85.0964, 95.3530

Protanopia

82.1483, 85.0426, 95.3043

Deuteranopia

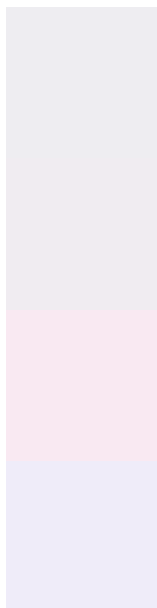
85.8429, 84.8226, 95.8524



Tritanopia

83.5329, 85.0977, 105.7888

Trichromacy



Original Color

81.4213, 85.0964, 95.3530

Protanomaly

81.8078, 84.8670, 95.2883

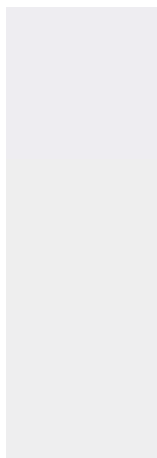
Deuteranomaly

84.2328, 84.8284, 95.9384

Tritanomaly

82.6909, 85.1812, 101.7059

Monochromacy



Original Color

81.4213, 85.0964, 95.3530

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.4144, 85.5582, 93.8847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4213, 85.0964, 95.3530 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(238, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(238, 237, 241)  
}
```

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(238, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 237, 241) }
```

Border

The CSS property to change the border of an element to XYZ 81.4213, 85.0964, 95.3530 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(238, 237, 241) }
```

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

```
.border{ border-color:rgb(238, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(238, 237,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 81.4213, 85.0964, 95.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 237, 241) }
```

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

```
.background{ background-color: rgb(238,  
237, 241) }
```

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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