

# Converting Colors

XYZ(82.0920, 86.7883, 94.9079)

Have a look what the booklet for  
XYZ(82.0920, 86.7883, 94.9079)  
contains.

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# Color

**XYZ(82.1482, 86.7886,  
94.8603)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEF0F0
RGB	238, 240, 240
RGB Percent	93%, 94%, 94%
CMY	0.0667, 0.0588, 0.0588
CMYK	0.01, 0.00, 0.00, 0.06
HSL	180°, 6%, 94%
HSV	180°, 1%, 94%
XYZ	82.1482, 86.7886, 94.8603
YIQ	239.4020, -1.1920, -0.4240

# Conversions

## Conversions Part 2

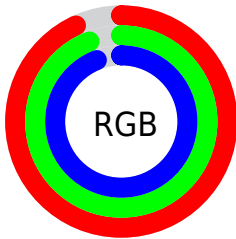
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 239, 240
Decimal	15659248
CIE Lab	94.65, -0.66, -0.24
CIE LCh	95, 0.703, 200.261
Yxy	86.7886, 0.3114, 0.3290
Android (android.graphics.Color)	4293849328 (0xFFEEF0F0)
YUV	239.4020, 0.2948, -1.2296
Hunter-Lab	93.1604, -5.6306, 4.8404

# Details

The XYZ color **82.1482, 86.7886, 94.8603** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.9456, 85.8497, 93.1450**, and the grayscale version is **82.3579, 86.6469, 94.3585**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0836, 47.6868, 52.1757** is the 20% darker color. If you saturate the color by 10%, you get **74.6151, 82.9084, 94.4729**, and if you desaturate by 10%, it is **88.1372, 89.8777, 95.1790**.

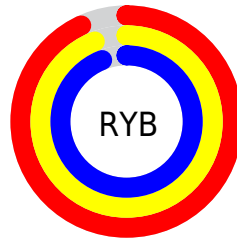
# Distribution



Red (93%)

Green (94%)

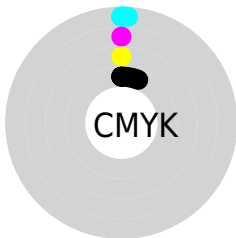
Blue (94%)



Red (93%)

Yellow (94%)

Blue (94%)

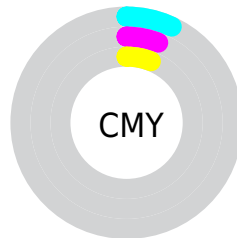


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (7%)

Magenta (6%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1482, 86.7886, 94.8603 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 82.1482, 86.7886, 94.8603 by changing the saturation by 10% instead.



82.1482, 86.7886,  
94.8603

82.1482, 86.7886,  
94.8603

490.7703,  
517.5280, 564.6906

61.8022, 65.3203,  
71.4225

135.3165,  
142.8694, 156.0655

45.1279, 47.7208,  
52.2031

168.8696,  
178.2508, 194.6700

31.7599, 33.6059,  
36.7836

207.5558,  
219.0385, 239.1670

21.3328, 22.5910,  
24.7455

251.7404,  
265.6171, 289.9753

13.4813, 14.2918,  
15.6703

301.7888,  
318.3710, 347.5132

7.8401, 8.3239,  
9.1393

358.0663,

4.0437, 4.3029,

377.6845, 412.1993

4.7341

420.9384,  
443.9420, 484.4523

■ 1.7269, 1.8444,  
2.0361

■ 0.4730, 0.5146,  
0.5774

■ 82.1482, 86.7886,  
94.8603

■ 82.1482, 86.7886,  
94.8603

■ 74.6151, 82.9084,  
94.4729

■ 88.1372, 89.8777,  
95.1790

■ 68.1115, 79.5565,  
94.1319

■ 88.1442, 89.8805,  
95.2160

■ 62.5950, 76.7134,  
93.8370

■ 88.1513, 89.8833,  
95.2531

■ 58.0173, 74.3544,  
93.5862

■ 88.1583, 89.8861,  
95.2901

■ 54.3261, 72.4523,  
93.3768

■ 88.1653, 89.8889,  
95.3271

■ 51.4640, 70.9776,  
93.2062

■ 88.1724, 89.8918,  
95.3642

■ 49.3667, 69.8972,  
93.0715

■ 88.1794, 89.8946,  
95.4012

■ 47.9606, 69.1732,  
92.9691

■ 88.1864, 89.8974,  
95.4383

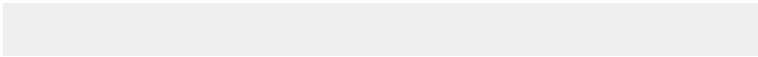
■ 47.1578, 68.7602,  
92.8949

■ 88.1935, 89.9002,  
95.4754

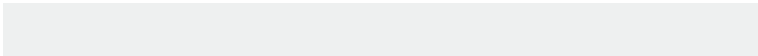
# Harmonies

## Analogous

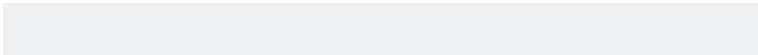
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.1309, 86.7886, 94.3214



82.1482, 86.7886, 94.8603



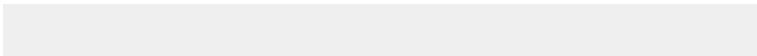
82.2570, 86.7886, 95.3037

# Triad

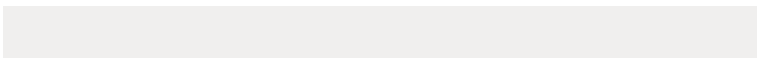
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1482, 86.7886, 94.8603



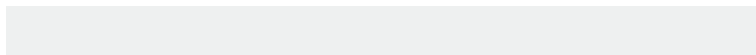
82.7708, 86.7886, 95.1675



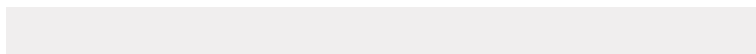
82.5517, 86.7886, 93.4720

# Complementary

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



82.1482, 86.7886, 94.8603



81.9456, 85.8497, 93.1450

# 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.



82.7234, 86.7886, 93.6969



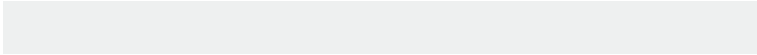
82.1482, 86.7886, 94.8603



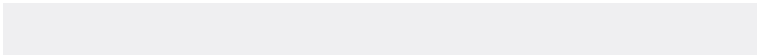
82.8500, 86.7886, 94.6749

# Square

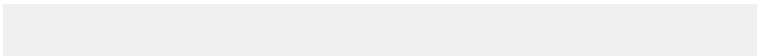
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



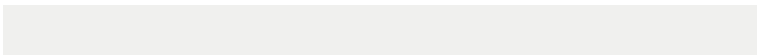
82.1482, 86.7886, 94.8603



82.6164, 86.7886, 95.4816



82.8327, 86.7886, 94.1367

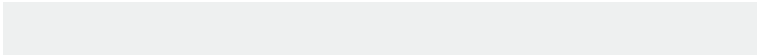


82.3637, 86.7886, 93.5213

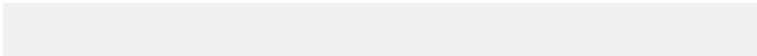


# Rectangle

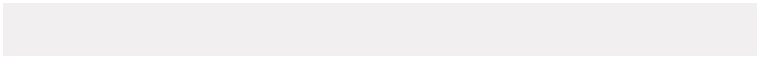
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



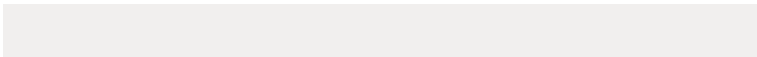
82.1482, 86.7886, 94.8603



82.3668, 86.7886, 95.4848



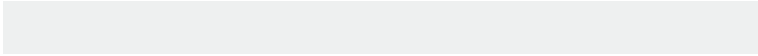
82.8327, 86.7886, 94.1367



82.6132, 86.7886, 93.5180

# Sweetspot

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



82.1507, 86.7923, 94.8622

95.0500, 100.0000, 108.9000



81.8663, 86.6799, 93.3063



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.



82.1507, 86.7923, 94.8622



94.1172, 99.5192, 108.8521



81.8669, 86.2238, 94.7705



17.6394, 18.6466, 20.3903



25.6296, 37.5439, 50.8258

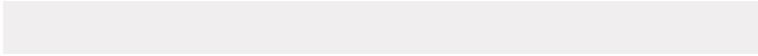


2.1326, 3.1235, 4.2305



# Inverse Universe

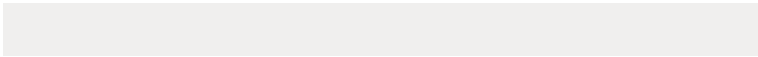
The Inverse Universe completely reimagines the original color for something new.



81.9456, 85.8497, 93.1450



93.8348, 98.2209, 106.4869



82.2278, 86.4150, 93.2362



17.5894, 18.4168, 19.9717



19.6735, 10.1418, 0.9310

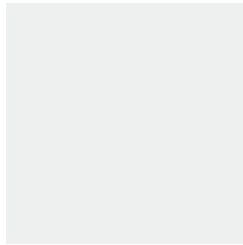


1.6371, 0.8439, 0.0798



# Previews

## White Background



This preview shows how the XYZ color 82.1482, 86.7886, 94.8603 looks on a white background.

## Color Contrast Check

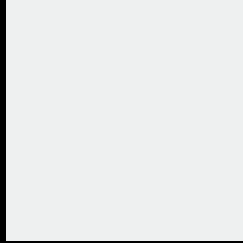
Large Text (above 18pt) WCAG AA × Fail

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 82.1482, 86.7886, 94.8603 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](#).

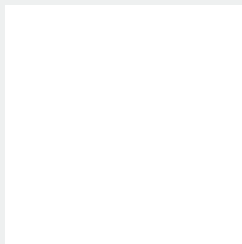


**XYZ 82.1482, 86.7886, 94.8603**

## **Background**



This preview shows how black text looks on a background with the XYZ color 82.1482, 86.7886, 94.8603.



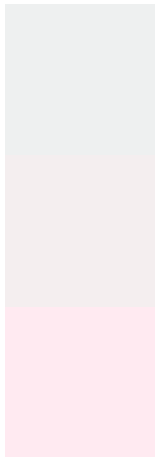
This preview shows how white text looks on a background with the XYZ color 82.1482, 86.7886, 94.8603.

94.8603.

# 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

82.1482, 86.7886, 94.8603

### Protanopia

83.4628, 86.6142, 93.9806

### Deuteranopia

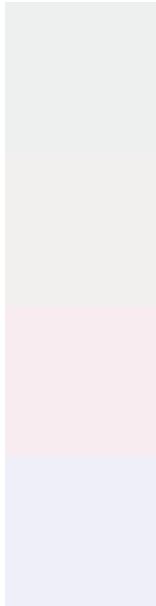
86.5400, 86.4565, 95.3457



## Tritanopia

84.5597, 86.8943, 106.9233

# Trichromacy



## Original Color

82.1482, 86.7886, 94.8603

## Protanomaly

83.0644, 86.8422, 94.0456

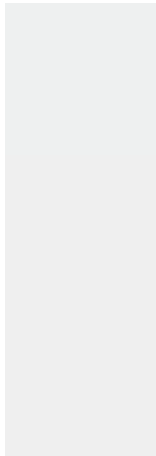
## Deuteranomaly

84.9396, 86.4815, 95.4349

## Tritanomaly

83.7184, 86.9859, 102.8200

# Monochromacy



## Original Color

82.1482, 86.7886, 94.8603

## Achromatopsia

82.0431, 86.3157, 93.9978

## Achromatomaly

82.0431, 86.3157, 93.9978

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 82.1482, 86.7886, 94.8603 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, 240, 240) looks like.

```
.text, #text, p{  
    color:rgb(238, 240, 240)  
}
```

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, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 240, 240) }
```

## Border

The CSS property to change the border of an element to XYZ 82.1482, 86.7886, 94.8603 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, 240, 240) }
```

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

```
.border{ border-color:rgb(238, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 240,  
240) }
```



# Background

The CSS property to change the background color of an element to XYZ 82.1482, 86.7886, 94.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 240, 240) }
```

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

```
.background{ background-color: rgb(238,  
240, 240) }
```

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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