

Converting Colors

XYZ(84.7079, 91.4738, 94.3898)

Have a look what the booklet for
XYZ(84.7079, 91.4738, 94.3898)
contains.

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Color

**XYZ(84.6286, 91.2198,
94.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F7EE
RGB	240, 247, 238
RGB Percent	94%, 97%, 93%
CMY	0.0588, 0.0314, 0.0667
CMYK	0.03, 0.00, 0.04, 0.03
HSL	107°, 36%, 95%
HSV	107°, 4%, 97%
XYZ	84.6286, 91.2198, 94.0357
YIQ	243.8810, -1.2830, -4.2830

Conversions

Conversions Part 2

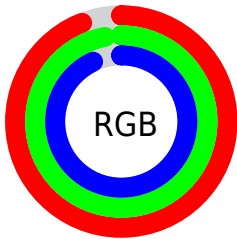
Format	Color
R _Y B	238, 247, 245
Decimal	15792110
CIE Lab	96.50, -3.90, 3.50
CIE LCh	97, 5.240, 138.027
Yxy	91.2198, 0.3136, 0.3380
Android (android.graphics.Color)	4293982190 (0xFF0F7EE)
YUV	243.8810, -2.8993, -3.4036
Hunter-Lab	95.5091, -8.9757, 8.4810

Details

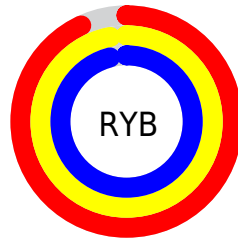
The XYZ color **84.6286, 91.2198, 94.0357** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0226, 87.2794, 100.3657**, and the grayscale version is **85.9193, 90.3938, 98.4389**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8415, 50.8293, 51.5982** is the 20% darker color. If you saturate the color by 10%, you get **75.0652, 86.6833, 75.9266**, and if you desaturate by 10%, it is **92.5525, 95.0050, 108.0675**.

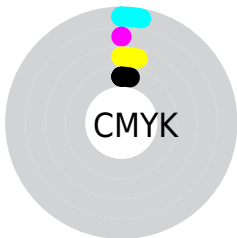
Distribution



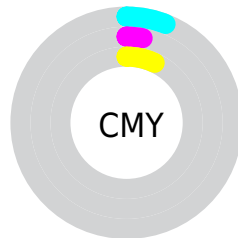
- Red (94%)
- Green (97%)
- Blue (93%)



- Red (93%)
- Yellow (97%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (6%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6286, 91.2198, 94.0357 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 84.6286, 91.2198, 94.0357 by changing the saturation by 10% instead.

84.6286, 91.2198,
94.0357

84.6286, 91.2198,
94.0357

498.9005,
531.9909, 561.9785

63.8560, 68.9928,
70.7402

138.7709,
149.0316, 154.9158

46.7953, 50.7058,
51.6497

172.8713,
185.3852, 193.3375

33.0811, 35.9746,
36.3456

212.1449,
227.2164, 237.6383

22.3481, 24.4145,
24.4094

256.9573,
274.9096, 288.2368

14.2310, 15.6414,
15.4226

307.6737,
328.8493, 345.5516

8.3643, 9.2708,
8.9666

364.6595,

4.3827, 4.9182,

389.4198, 410.0011

4.6229

428.2799,
457.0055, 482.0039

■ 1.9208, 2.1994,
1.9729

■ 0.5889, 0.7196,
0.5385

■ 84.6286, 91.2198,
94.0357

■ 84.6286, 91.2198,
94.0357

■ 75.0652, 86.6833,
75.9266

■ 92.5525, 95.0050,
108.0675

■ 66.6465, 82.6790,
60.3631

■ 59.3308, 79.1907,
47.2329

■ 53.0714, 76.1969,
36.4129

■ 47.8180, 73.6745,
27.7692

■ 43.5157, 71.5985,
21.1543

■ 40.1046, 69.9417,
16.4023

■ 37.5168, 68.6731,
13.3210

■ 35.6737, 67.7575,
11.6767

Harmonies

Analogous

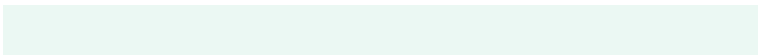
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8347, 91.2198, 91.8627



84.6286, 91.2198, 94.0357



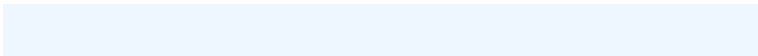
83.9809, 91.2198, 97.6622

Triad

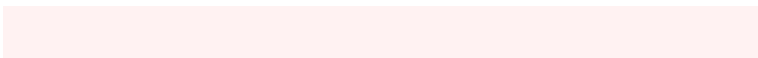
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6286, 91.2198, 94.0357



86.1199, 91.2198, 107.4080



89.4022, 91.2198, 96.8523

Complementary

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



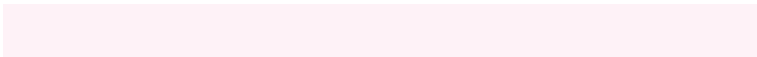
84.6286, 91.2198, 94.0357



85.0226, 87.2794, 100.3657

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.



89.4806, 91.2198, 101.0022



84.6286, 91.2198, 94.0357



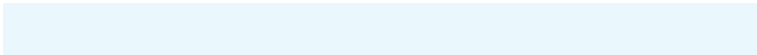
87.5745, 91.2198, 107.1763

Square

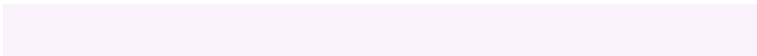
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



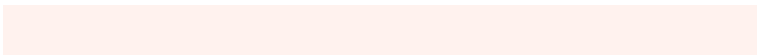
84.6286, 91.2198, 94.0357



84.8354, 91.2198, 105.4290



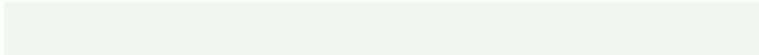
88.8083, 91.2198, 104.8046



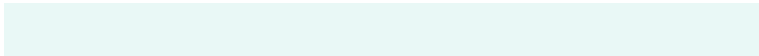
88.5952, 91.2198, 93.4572

Rectangle

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



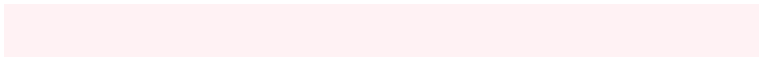
84.6286, 91.2198, 94.0357



83.9480, 91.2198, 100.4513



88.8083, 91.2198, 104.8046



89.5150, 91.2198, 98.2029

Sweetspot

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



84.6312, 91.2237, 94.0377



93.9161, 99.4626, 106.7181



86.4162, 91.1955, 93.9382



20.1139, 21.2948, 22.8651



0.0000, 0.0000, 0.0000



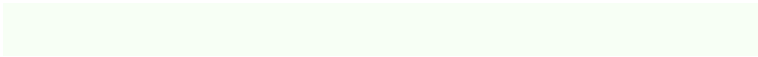
20.3446, 21.4041, 23.3091

Same Dimension

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



84.6312, 91.2237, 94.0377



90.5918, 97.8865, 100.3455



84.3111, 91.0177, 95.8767



17.5998, 19.1113, 19.3698



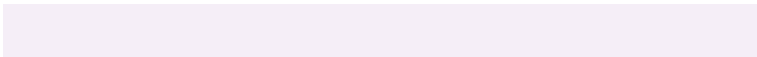
18.5189, 35.6597, 5.9070



1.7124, 3.1778, 0.5231

Inverse Universe

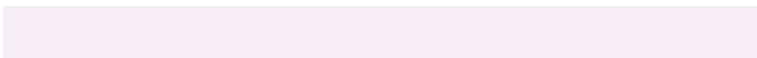
The Inverse Universe completely reimagines the original color for something new.



85.0226, 87.2794, 100.3657



91.0533, 93.2367, 107.8052



85.3559, 87.4937, 98.4593



17.7063, 18.0384, 21.0911



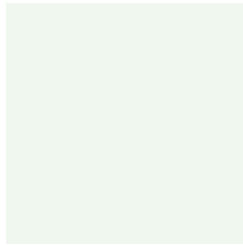
20.5210, 9.5533, 47.3004



1.8901, 0.8843, 4.1613

Previews

White Background



This preview shows how the XYZ color 84.6286, 91.2198, 94.0357 looks on a white background.

Color Contrast Check

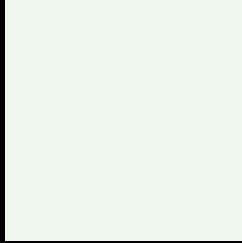
Large Text (above 18pt) WCAG AA × Fail

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 84.6286, 91.2198, 94.0357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

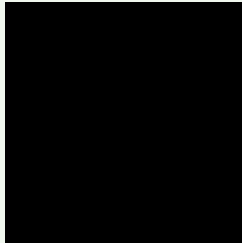
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

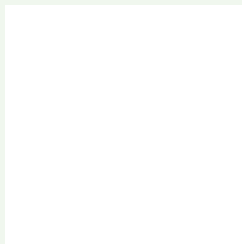
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6286, 91.2198, 94.0357

Background



This preview shows how black text looks on a background with the XYZ color 84.6286, 91.2198, 94.0357.



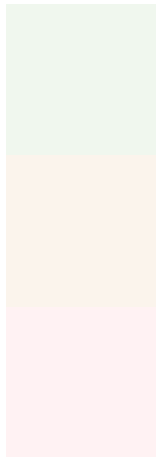
This preview shows how white text looks on a background with the XYZ color 84.6286, 91.2198,

94.0357.

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

84.6286, 91.2198, 94.0357

Protanopia

87.2747, 91.2667, 92.3733

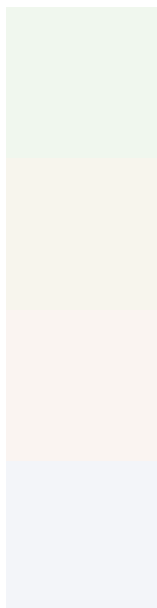
Deuteranopia

89.1698, 91.2353, 97.7044

Tritanopia

87.7089, 91.1545, 107.5796

Trichromacy



Original Color

84.6286, 91.2198, 94.0357

Protanomaly

86.2962, 91.1934, 93.1746

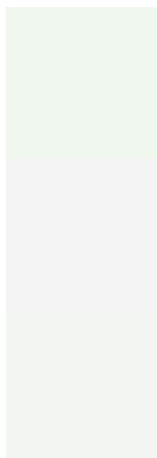
Deuteranomaly

87.6522, 91.3762, 96.2367

Tritanomaly

86.7134, 91.1991, 102.6554

Monochromacy



Original Color

84.6286, 91.2198, 94.0357

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.6416, 90.7703, 97.0110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6286, 91.2198, 94.0357 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(240, 247, 238) looks like.

```
.text, #text, p{  
    color:rgb(240, 247, 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(240, 247, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 247, 238) }
```

Border

The CSS property to change the border of an element to XYZ 84.6286, 91.2198, 94.0357 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(240, 247, 238) }
```


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

```
.border{ border-color:rgb(240, 247, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 247, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 247, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 247, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 247,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6286, 91.2198, 94.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 247, 238) }
```

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

```
.background{ background-color: rgb(240,  
247, 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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