

Converting Colors

XYZ(84.4659, 87.8262, 94.1113)

Have a look what the booklet for
XYZ(84.4659, 87.8262, 94.1113)
contains.

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Color

**XYZ(84.7461, 88.1450,
94.2084)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F0EF
RGB	246, 240, 239
RGB Percent	96%, 94%, 94%
CMY	0.0353, 0.0588, 0.0627
CMYK	0.00, 0.02, 0.03, 0.04
HSL	9°, 28%, 95%
HSV	9°, 3%, 96%
XYZ	84.7461, 88.1450, 94.2084
YIQ	241.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

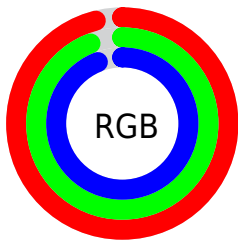
Format	Color
R_{YB}	246, 240, 239
Decimal	16183535
CIE Lab	95.22, 1.84, 1.18
CIE LCh	95, 2.186, 32.795
Yxy	88.1450, 0.3173, 0.3300
Android (android.graphics.Color)	4294373615 (0xFF6F0EF)
YUV	241.6800, -1.3212, 3.7886
Hunter-Lab	93.8856, -3.1762, 6.2260

Details

The XYZ color **84.7461, 88.1450, 94.2084** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.8835, 90.3080, 100.1473**, and the grayscale version is **84.1553, 88.5379, 96.4178**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.9229, 48.6470, 51.7165** is the 20% darker color. If you saturate the color by 10%, you get **75.5101, 75.0978, 74.4030**, and if you desaturate by 10%, it is **91.8165, 98.3331, 108.7487**.

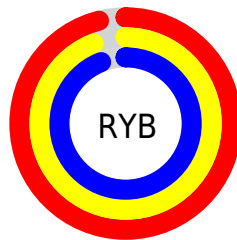
Distribution



Red (96%)

Green (94%)

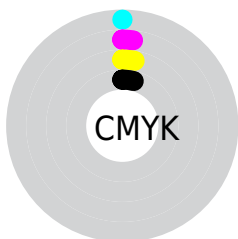
Blue (94%)



Red (96%)

Yellow (94%)

Blue (94%)

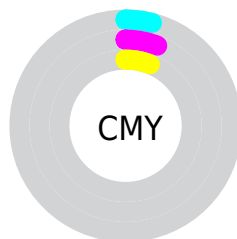


Cyan (0%)

Magenta (2%)

Yellow (3%)

Black (4%)



Cyan (4%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.7461, 88.1450, 94.2084 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 84.7461, 88.1450, 94.2084 by changing the saturation by 10% instead.

84.7461, 88.1450,
94.2084

84.7461, 88.1450,
94.2084

499.2839,
521.9780, 562.5471

63.9534, 66.4432,
70.8831

138.9342,
144.7590, 155.1567

46.8745, 48.6322,
51.7655

173.0604,
180.4400, 193.6167

33.1440, 34.3278,
36.4373

212.3618,
221.5494, 237.9587

22.3965, 23.1456,
24.4797

257.2037,
268.4718, 288.6012

14.2668, 14.7010,
15.4744

307.9515,
321.5914, 345.9627

8.3894, 8.6098,
9.0027

364.9705,

4.3990, 4.4876,

381.2927, 410.4619

4.6461

428.6262,
447.9601, 482.5172

■ 1.9302, 1.9499,
1.9861

■ 0.5943, 0.5781,
0.5467

■ 84.7461, 88.1450,
94.2084

■ 84.7461, 88.1450,
94.2084

■ 75.5101, 75.0978,
74.4030

■ 91.8165, 98.3331,
108.7487

■ 67.4421, 63.6282,
57.3283

■ 60.4978, 53.6797,
42.8660

■ 54.6266, 45.1882,
30.8870

■ 49.7744, 38.0850,
21.2510

■ 45.8823, 32.2956,
13.8038

■ 42.8852, 27.7389,
8.3727

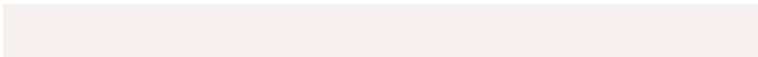
■ 40.7093, 24.3242,
4.7588

■ 39.2689, 21.9483,
2.7220

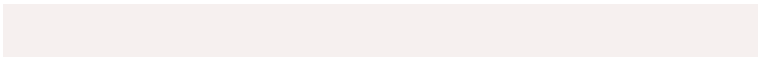
Harmonies

Analogous

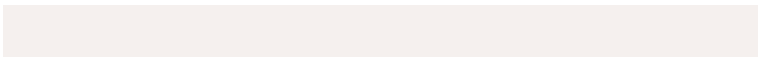
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9289, 88.1450, 95.8150



84.7461, 88.1450, 94.2084



84.3041, 88.1450, 93.0858

Triad

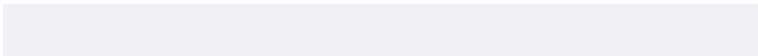
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.7461, 88.1450, 94.2084



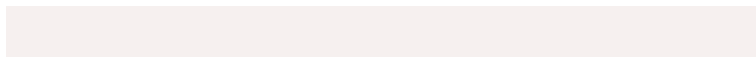
82.7642, 88.1450, 94.4824



83.8351, 88.1450, 99.2901

Complementary

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



84.7461, 88.1450, 94.2084



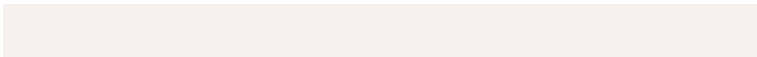
84.8835, 90.3080, 100.1473

Split Complementary

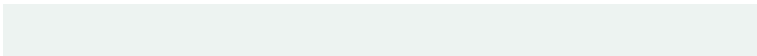
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.2564, 88.1450, 98.9232



84.7461, 88.1450, 94.2084



82.6399, 88.1450, 96.1350

Square

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



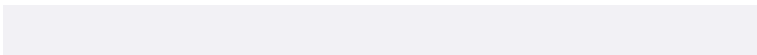
84.7461, 88.1450, 94.2084



83.1601, 88.1450, 93.2427



82.8196, 88.1450, 97.7634



84.4014, 88.1450, 98.7600

Rectangle

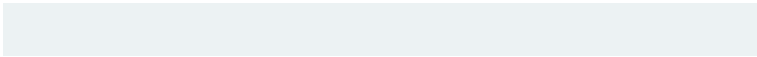
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



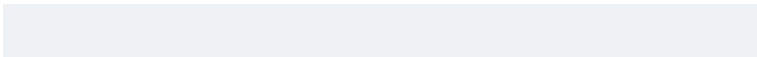
84.7461, 88.1450, 94.2084



83.9230, 88.1450, 92.7558



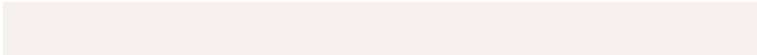
82.8196, 88.1450, 97.7634



83.6355, 88.1450, 99.2676

Sweetspot

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



84.7486, 88.1488, 94.2103



93.9493, 98.4512, 106.5211



85.3654, 87.9238, 98.9125



20.1206, 21.0889, 22.8250



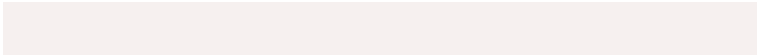
0.0000, 0.0000, 0.0000



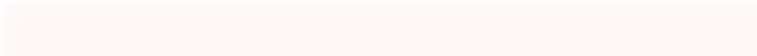
20.3446, 21.4041, 23.3091

Same Dimension

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



84.7486, 88.1488, 94.2103



91.7877, 95.4074, 101.8569



85.7677, 90.1870, 94.5500



17.8262, 18.4686, 19.6107



20.6714, 11.2284, 1.0778



1.8743, 1.1018, 0.1139

Inverse Universe

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



84.8835, 90.3080, 100.1473



91.9422, 97.8796, 108.6545



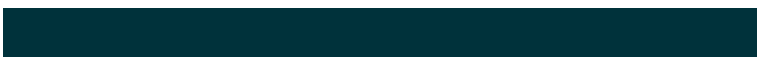
83.8557, 88.2524, 99.8047



17.8642, 19.0769, 21.2832



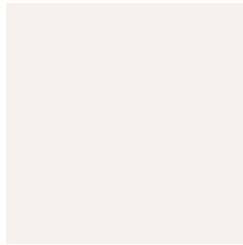
21.3535, 28.5007, 50.9138



1.9311, 2.6136, 4.4929

Previews

White Background



This preview shows how the XYZ color 84.7461, 88.1450, 94.2084 looks on a white background.

Color Contrast Check

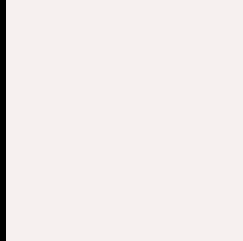
Large Text (above 18pt) WCAG AA × Fail

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 84.7461, 88.1450, 94.2084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

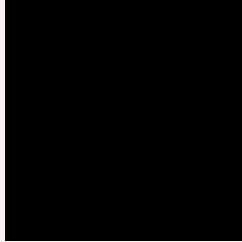
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

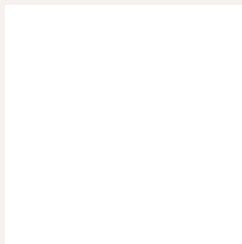
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.7461, 88.1450, 94.2084

Background



This preview shows how black text looks on a background with the XYZ color 84.7461, 88.1450, 94.2084.



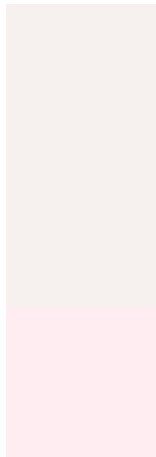
This preview shows how white text looks on a background with the XYZ color 84.7461, 88.1450,

94.284.

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

84.7461, 88.1450, 94.2084

Protanopia

84.7461, 88.1450, 94.2084

Deuteranopia

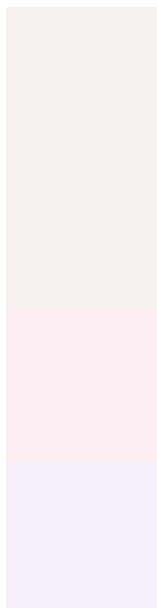
87.4014, 88.1792, 95.6328



Tritanopia

87.3359, 88.3255, 107.0532

Trichromacy



Original Color

84.7461, 88.1450, 94.2084

Protanomaly

84.7461, 88.1450, 94.2084

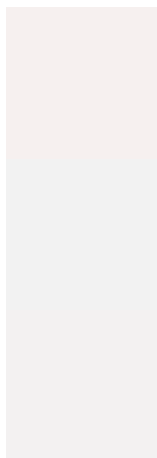
Deuteranomaly

86.4476, 88.1358, 94.8937

Tritanomaly

86.3232, 88.3467, 102.1254

Monochromacy



Original Color

84.7461, 88.1450, 94.2084

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2946, 88.3162, 95.8230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.7461, 88.1450, 94.2084 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(246, 240, 239) looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 239)  
}
```

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(246, 240, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 239) }
```

Border

The CSS property to change the border of an element to XYZ 84.7461, 88.1450, 94.2084 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(246, 240, 239) }
```


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

```
.border{ border-color:rgb(246, 240, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 84.7461, 88.1450, 94.2084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 239) }
```

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

```
.background{ background-color: rgb(246,  
240, 239) }
```

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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