

Converting Colors

XYZ(84.6330, 88.7359, 91.9740)

Have a look what the booklet for
XYZ(84.6330, 88.7359, 91.9740)
contains.

XYZ(84.6017, 88.5596, 91.9916)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(84.6017, 88.5596,
91.9916)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F1EC
RGB	246, 241, 236
RGB Percent	96%, 95%, 93%
CMY	0.0353, 0.0549, 0.0745
CMYK	0.00, 0.02, 0.04, 0.04
HSL	30°, 36%, 95%
HSV	30°, 4%, 96%
XYZ	84.6017, 88.5596, 91.9916
YIQ	241.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

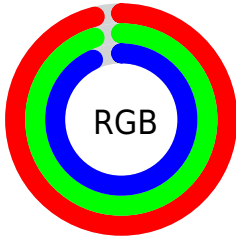
Format	Color
R _Y B	246, 246, 236
Decimal	16183788
CIE Lab	95.40, 0.81, 2.99
CIE LCh	95, 3.099, 74.787
Yxy	88.5596, 0.3191, 0.3340
Android (android.graphics.Color)	4294373868 (0xFFFF6F1EC)
YUV	241.9250, -2.9210, 3.5738
Hunter-Lab	94.1061, -4.2136, 7.9165

Details

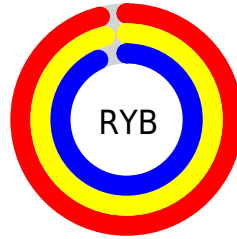
The XYZ color **84.6017, 88.5596, 91.9916** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.6819, 87.3960, 99.7013**, and the grayscale version is **84.3608, 88.7541, 96.6533**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.8224, 48.9404, 50.1586** is the 20% darker color. If you saturate the color by 10%, you get **77.7558, 80.1983, 73.2739**, and if you desaturate by 10%, it is **91.2751, 97.2503, 108.5682**.

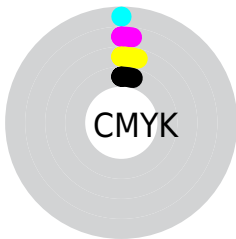
Distribution



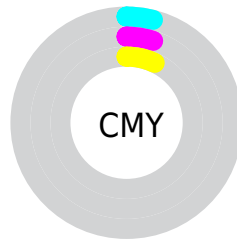
- Red (96%)
- Green (95%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.6017, 88.5596, 91.9916 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 84.6017, 88.5596, 91.9916 by changing the saturation by 10% instead.

84.6017, 88.5596,
91.9916

84.6017, 88.5596,
91.9916

498.8127,
523.3341, 555.2248

63.8337, 66.7866,
69.0507

138.7335,
145.3360, 152.0613

46.7772, 48.9112,
50.2810

172.8279,
181.1082, 190.0272

33.0668, 34.5491,
35.2639

212.0953,
222.3156, 233.8385

22.3371, 23.3157,
23.5811

256.9009,
269.3425, 283.9137

14.2228, 14.8268,
14.8138

307.6101,
322.5734, 340.6714

8.3585, 8.6979,
8.5437

364.5882,

4.3789, 4.5447,

382.3928, 404.5301

4.3520

428.2006,
449.1848, 475.9084

■ 1.9187, 1.9827,
1.8204

■ 0.5876, 0.5974,
0.4414

■ 84.6017, 88.5596,
91.9916

■ 84.6017, 88.5596,
91.9916

■ 77.7558, 80.1983,
73.2739

■ 91.2751, 97.2503,
108.5682

■ 71.6204, 72.5034,
57.1221

■ 91.8166, 98.3331,
108.7487

■ 66.1717, 65.4602,
43.4238

■ 61.3816, 59.0493,
32.0561

■ 57.2196, 53.2502,
22.8856

■ 53.6529, 48.0407,
15.7648

■ 50.6444, 43.3972,
10.5280

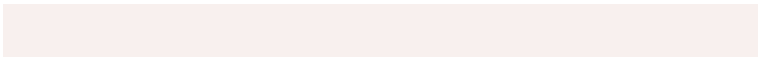
■ 48.1522, 39.2932,
6.9834

■ 46.1261, 35.6988,
4.8966

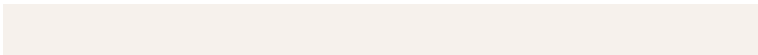
Harmonies

Analogous

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



85.3354, 88.5596, 93.1751



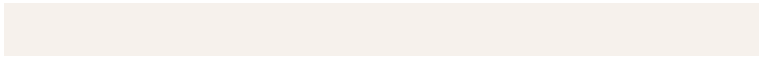
84.6017, 88.5596, 91.9916



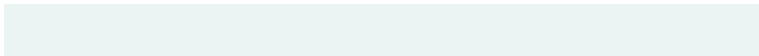
83.7579, 88.5596, 91.9829

Triad

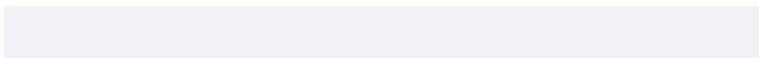
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.6017, 88.5596, 91.9916



82.6071, 88.5596, 97.6227



85.3267, 88.5596, 99.7776

Complementary

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



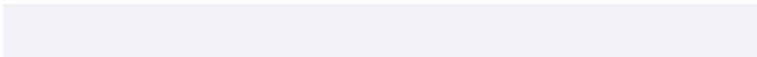
84.6017, 88.5596, 91.9916



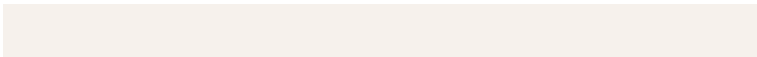
82.6819, 87.3960, 99.7013

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.



84.5899, 88.5596, 101.0107



84.6017, 88.5596, 91.9916



83.0217, 88.5596, 99.7524

Square

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



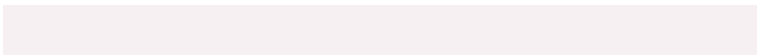
84.6017, 88.5596, 91.9916



82.6102, 88.5596, 95.2065



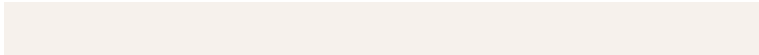
83.7462, 88.5596, 101.0014



85.7559, 88.5596, 97.6565

Rectangle

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



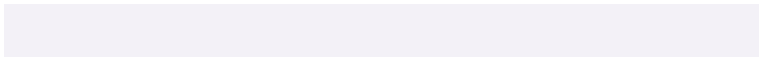
84.6017, 88.5596, 91.9916



83.2467, 88.5596, 92.6431



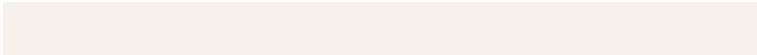
83.7462, 88.5596, 101.0014



85.1066, 88.5596, 100.3112

Sweetspot

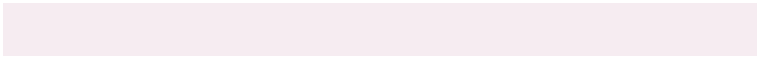
The Sweet Spot groups the original color and five complimentary colors.



84.6042, 88.5634, 91.9935



94.2371, 99.0267, 106.6170



83.8799, 85.9360, 95.3867



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



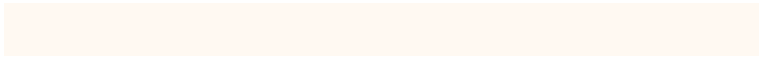
20.3446, 21.4041, 23.3091

Same Dimension

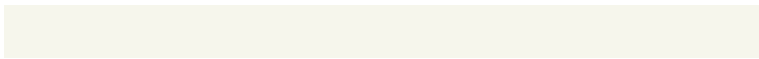
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6042, 88.5634, 91.9935



91.0662, 95.2090, 97.7789



86.1033, 91.5618, 92.4932



17.7454, 18.5357, 18.8790



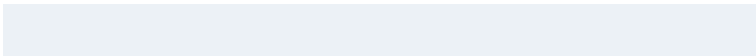
24.2142, 18.3140, 2.2587



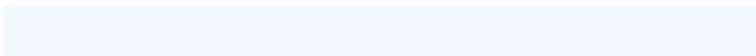
2.2310, 1.8152, 0.2328

Inverse Universe

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



82.6819, 87.3960, 99.7013



88.5120, 93.6579, 108.0204



81.2234, 84.4790, 99.2151



17.1794, 18.1920, 21.1485



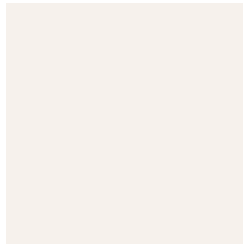
12.7927, 11.3792, 48.0602



1.2271, 1.2056, 4.2583

Previews

White Background



This preview shows how the XYZ color 84.6017, 88.5596, 91.9916 looks on a white background.

Color Contrast Check

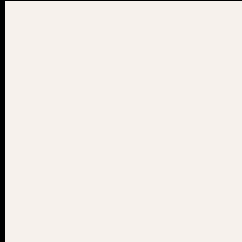
Large Text (above 18pt) WCAG AA × Fail

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 84.6017, 88.5596, 91.9916 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

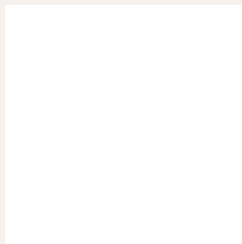
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.6017, 88.5596, 91.9916

Background



This preview shows how black text looks on a background with the XYZ color 84.6017, 88.5596, 91.9916.



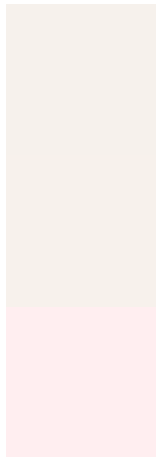
This preview shows how white text looks on a background with the XYZ color 84.6017, 88.5596,

91.9916.

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

84.6017, 88.5596, 91.9916

Protanopia

84.9534, 88.7409, 92.0081

Deuteranopia

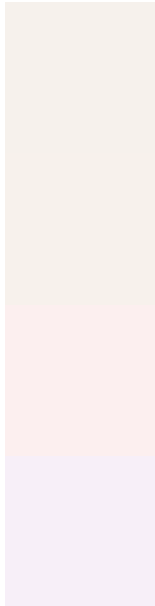
87.5427, 88.7003, 94.9450



Tritanopia

87.3359, 88.3255, 107.0532

Trichromacy



Original Color

84.6017, 88.5596, 91.9916

Protanomaly

84.9534, 88.7409, 92.0081

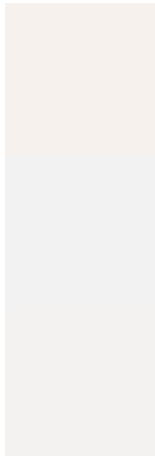
Deuteranomaly

86.5914, 88.6604, 94.2107

Tritanomaly

86.1676, 88.2845, 101.3060

Monochromacy



Original Color

84.6017, 88.5596, 91.9916

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.4425, 88.8502, 95.1373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6017, 88.5596, 91.9916 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, 241, 236) looks like.

```
.text, #text, p{  
    color:rgb(246, 241, 236)  
}
```

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, 241, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 241, 236) }
```

Border

The CSS property to change the border of an element to XYZ 84.6017, 88.5596, 91.9916 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, 241, 236) }
```


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

```
.border{ border-color:rgb(246, 241, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 241, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 241, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 241, 236);  
box-shadow:4px 4px 4px 4px rgb(246, 241,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6017, 88.5596, 91.9916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 241, 236) }
```

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

```
.background{ background-color: rgb(246,  
241, 236) }
```

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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