

Converting Colors

XYZ(85.7952, 88.3049, 91.9583)

Have a look what the booklet for
XYZ(85.7952, 88.3049, 91.9583)
contains.

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Color

**XYZ(85.7905, 88.2984,
91.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEFEC
RGB	251, 239, 236
RGB Percent	98%, 94%, 93%
CMY	0.0157, 0.0627, 0.0745
CMYK	0.00, 0.05, 0.06, 0.02
HSL	12°, 65%, 95%
HSV	12°, 6%, 98%
XYZ	85.7905, 88.2984, 91.8785
YIQ	242.2460, 8.1150, 1.6110

Conversions

Conversions Part 2

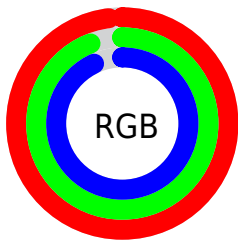
Format	Color
R _Y B	251, 240, 236
Decimal	16510956
CIE Lab	95.29, 3.53, 2.88
CIE LCh	95, 4.554, 39.217
Yxy	88.2984, 0.3226, 0.3320
Android (android.graphics.Color)	4294701036 (0xFFFBFEFC)
YUV	242.2460, -3.0793, 7.6773
Hunter-Lab	93.9672, -1.4751, 7.8050

Details

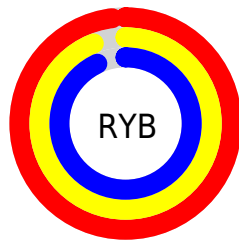
The XYZ color **85.7905, 88.2984, 91.8785** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.5719, 91.9312, 104.5022**, and the grayscale version is **84.6141, 89.0207, 96.9435**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.4198, 48.6316, 50.0676** is the 20% darker color. If you saturate the color by 10%, you get **76.8438, 75.8360, 72.1510**, and if you desaturate by 10%, it is **93.5941, 99.2495, 108.8319**.

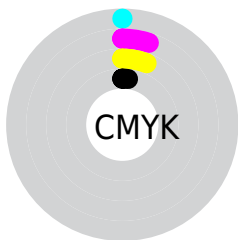
Distribution



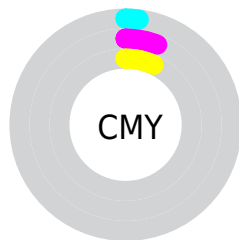
- Red (98%)
- Green (94%)
- Blue (93%)



- Red (98%)
- Yellow (94%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (6%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.7905, 88.2984, 91.8785 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 85.7905, 88.2984, 91.8785 by changing the saturation by 10% instead.


 85.7905, 88.2984,
91.8785

 85.7905, 88.2984,
91.8785


502.6845,
522.4799, 554.8498

 64.8194, 66.5702,
68.9573

140.3854,
144.9725, 151.9032

 47.5788, 48.7354,
50.2054


174.7400,
180.6873, 189.8438

 33.7033, 34.4097,
35.2043

214.2865,
221.8330, 233.6278

 22.8276, 23.2085,
23.5355

259.3902,
268.7940, 283.6739

 14.5863, 14.7475,
14.7804

310.4165,
321.9549, 340.4007

 8.6139, 8.6424,
8.5205

367.7307,

 4.5453, 4.5087,

381.6999, 404.2265

4.3372

431.6983,
448.4134, 475.5700

■ 2.0150, 1.9620,
1.8121

■ 0.6424, 0.5852,
0.4359

■ 85.7905, 88.2984,
91.8785

■ 85.7905, 88.2984,
91.8785

■ 76.8438, 75.8360,
72.1510

■ 93.5941, 99.2495,
108.8319

■ 69.0174, 64.8290,
55.2194

■ 62.2685, 55.2275,
40.9583

■ 56.5490, 46.9743,
29.2307

■ 51.8070, 40.0082,
19.8871

■ 47.9856, 34.2633,
12.7624

■ 45.0221, 29.6677,
7.6703

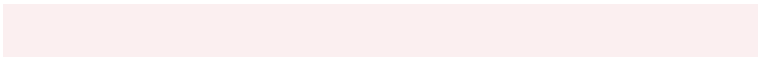
■ 42.8452, 26.1414,
4.3934

■ 41.3704, 23.5934,
2.6636

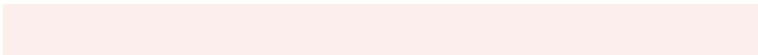
Harmonies

Analogous

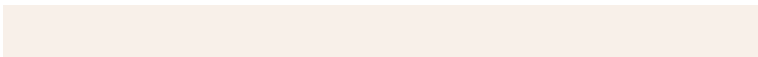
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.3065, 88.2984, 95.0497



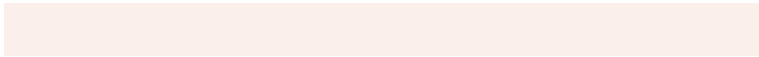
85.7905, 88.2984, 91.8785



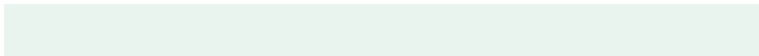
84.7760, 88.2984, 89.8829

Triad

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



85.7905, 88.2984, 91.8785



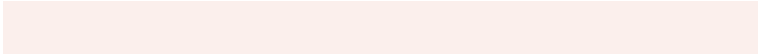
81.7101, 88.2984, 93.7333



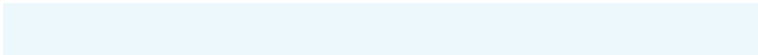
84.3084, 88.2984, 103.0586

Complementary

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



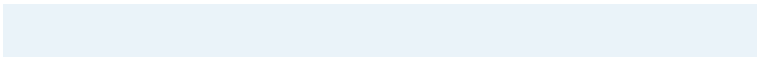
85.7905, 88.2984, 91.8785



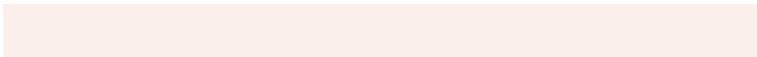
85.5719, 91.9312, 104.5022

Split Complementary

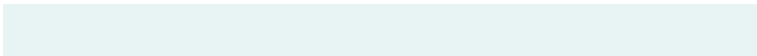
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.0797, 88.2984, 102.6850



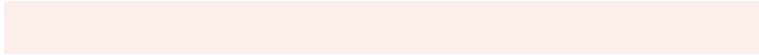
85.7905, 88.2984, 91.8785



81.5876, 88.2984, 97.2425

Square

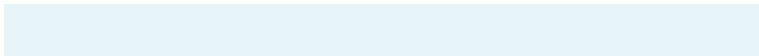
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7905, 88.2984, 91.8785



82.4228, 88.2984, 90.9353



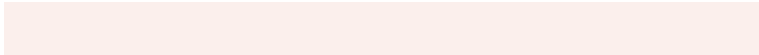
82.0867, 88.2984, 100.5353



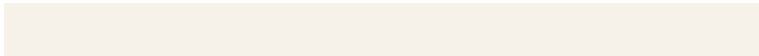
85.4453, 88.2984, 101.5437

Rectangle

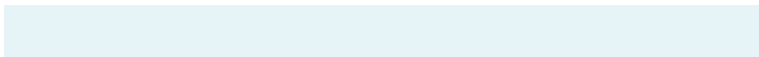
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



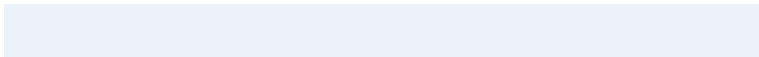
85.7905, 88.2984, 91.8785



83.9577, 88.2984, 89.4583



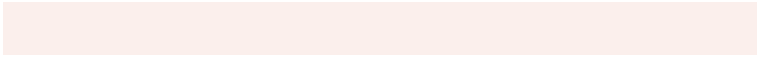
82.0867, 88.2984, 100.5353



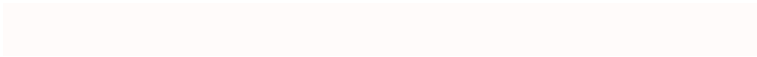
83.8923, 88.2984, 103.1505

Sweetspot

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



85.7930, 88.3022, 91.8804



92.9523, 97.1012, 104.2036



86.7236, 87.2787, 101.0837



19.9176, 20.8141, 22.3530



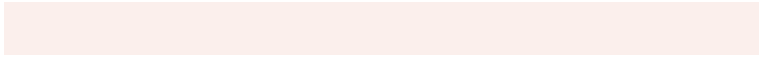
0.0000, 0.0000, 0.0000



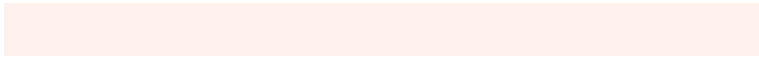
20.3446, 21.4041, 23.3091

Same Dimension

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



85.7930, 88.3022, 91.8804



87.9220, 90.1313, 92.9988



88.0332, 92.7827, 92.6271



17.8982, 18.3053, 18.7957



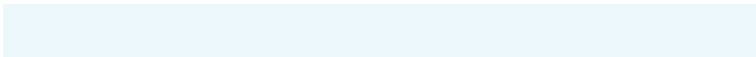
21.5985, 12.1537, 1.2075



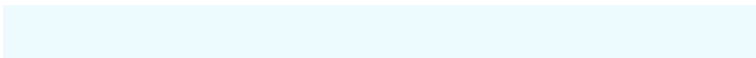
2.0714, 1.2677, 0.1355

Inverse Universe

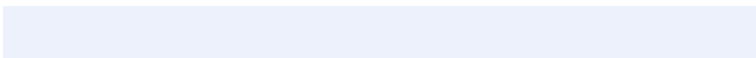
The Inverse Universe completely reimagines the original color for something new.



85.5719, 91.9312, 104.5022



87.6552, 94.5104, 108.2301



83.3134, 87.4142, 103.7494



17.8391, 19.2741, 22.1653



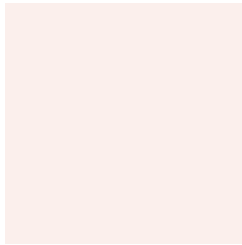
20.2039, 25.7633, 51.8815



1.9436, 2.5308, 4.8292

Previews

White Background



This preview shows how the XYZ color 85.7905, 88.2984, 91.8785 looks on a white background.

Color Contrast Check

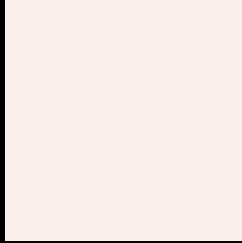
Large Text (above 18pt) WCAG AA × Fail

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 85.7905, 88.2984, 91.8785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

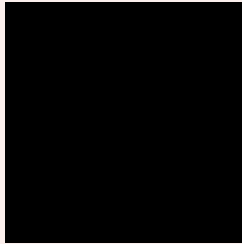
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

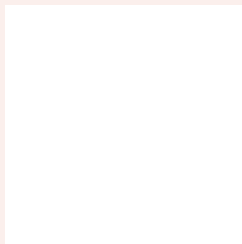
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7905, 88.2984, 91.8785

Background



This preview shows how black text looks on a background with the XYZ color 85.7905, 88.2984, 91.8785.



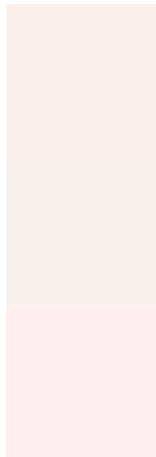
This preview shows how white text looks on a background with the XYZ color 85.7905, 88.2984,

91.885.

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

85.7905, 88.2984, 91.8785

Protanopia

84.8039, 88.2088, 92.6771

Deuteranopia

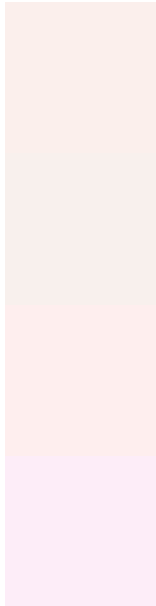
87.1042, 88.0604, 94.0678



Tritanopia

88.9185, 88.2817, 106.9613

Trichromacy



Original Color

85.7905, 88.2984, 91.8785

Protanomaly

85.1575, 88.3911, 92.6937

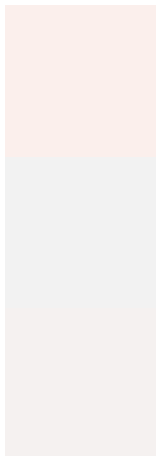
Deuteranomaly

86.8802, 88.3929, 93.3714

Tritanomaly

87.7355, 88.2283, 101.2126

Monochromacy



Original Color

85.7905, 88.2984, 91.8785

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.8397, 88.6143, 95.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7905, 88.2984, 91.8785 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(251, 239, 236) looks like.

```
.text, #text, p{  
    color:rgb(251, 239, 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(251, 239, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 239, 236) }
```

Border

The CSS property to change the border of an element to XYZ 85.7905, 88.2984, 91.8785 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(251, 239, 236) }
```


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

```
.border{ border-color:rgb(251, 239, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 239, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 239, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 239, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 239,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7905, 88.2984, 91.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 239, 236) }
```

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

```
.background{ background-color: rgb(251,  
239, 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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