

Converting Colors

XYZ(85.1593, 87.7154, 90.1601)

Have a look what the booklet for
XYZ(85.1593, 87.7154, 90.1601)
contains.

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Color

**XYZ(85.2095, 87.5988,
90.2591)**

Conversions

Conversions Part 1

Format	Color
Hex	FBEEEA
RGB	251, 238, 234
RGB Percent	98%, 93%, 92%
CMY	0.0157, 0.0666, 0.0823
CMYK	0.00, 0.05, 0.07, 0.02
HSL	14°, 68%, 95%
HSV	14°, 7%, 98%
XYZ	85.2095, 87.5988, 90.2591
YIQ	241.4310, 9.0320, 1.5120

Conversions

Conversions Part 2

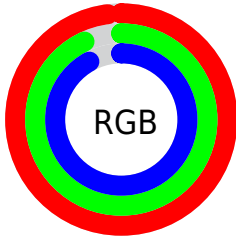
Format	Color
R _Y B	251, 239, 234
Decimal	16510698
CIE Lab	94.99, 3.71, 3.49
CIE LCh	95, 5.089, 43.272
Yxy	87.5988, 0.3239, 0.3330
Android (android.graphics.Color)	4294700778 (0xFFFBEEEA)
YUV	241.4310, -3.6635, 8.3920
Hunter-Lab	93.5942, -1.2810, 8.3387

Details

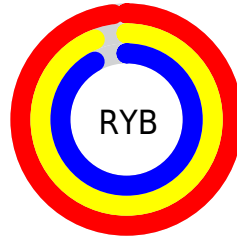
The XYZ color **85.2095, 87.5988, 90.2591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.6049, 90.9776, 104.3692**, and the grayscale version is **83.9737, 88.3469, 96.2098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0120, 48.1396, 48.9336** is the 20% darker color. If you saturate the color by 10%, you get **76.5647, 75.6763, 70.8293**, and if you desaturate by 10%, it is **93.5942, 99.2495, 108.8319**.

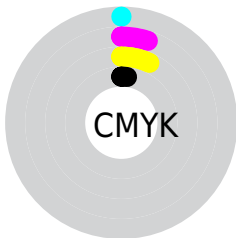
Distribution



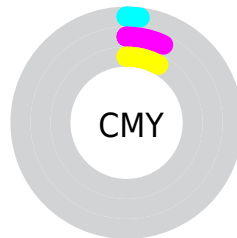
- Red (98%)
- Green (93%)
- Blue (92%)



- Red (98%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2095, 87.5988, 90.2591 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 85.2095, 87.5988, 90.2591 by changing the saturation by 10% instead.

85.2095, 87.5988,
90.2591

85.2095, 87.5988,
90.2591

500.7943,
520.1885, 549.4652

64.3376, 65.9909,
67.6206

139.5784,
143.9985, 149.6369

47.1868, 48.2650,
49.1244

173.8060,
179.5590, 187.2133

33.3920, 34.0368,
34.3519

213.2163,
220.5392, 230.6062

22.5875, 22.9219,
22.8845

258.1745,
267.3234, 280.2339

14.4083, 14.5358,
14.3038

309.0461,
320.2960, 336.5152

8.4888, 8.4943,
8.1911

366.1963,

4.4637, 4.4128,

379.8415, 399.8684

4.1279

429.9906,
446.3442, 470.7122

■ 1.9676, 1.9071,
1.6958

■ 0.6157, 0.5526,
0.3578

■ 85.2095, 87.5988,
90.2591

■ 85.2095, 87.5988,
90.2591

■ 76.5647, 75.6763,
70.8293

■ 93.5942, 99.2495,
108.8319

■ 68.9838, 65.0994,
54.1679

■ 62.4270, 55.8238,
40.1499

■ 56.8489, 47.7985,
28.6384

■ 52.2007, 40.9688,
19.4840

■ 48.4290, 35.2762,
12.5215

■ 45.4749, 30.6567,
7.5637

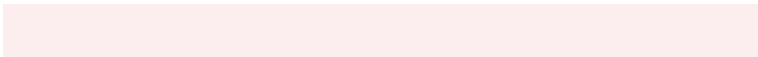
■ 43.2710, 27.0395,
4.3921

■ 41.7370, 24.3442,
2.7317

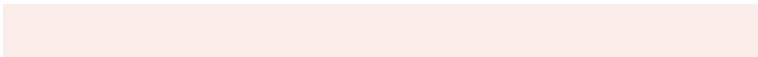
Harmonies

Analogous

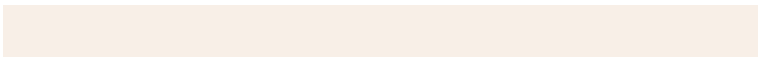
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8727, 87.5988, 93.6441



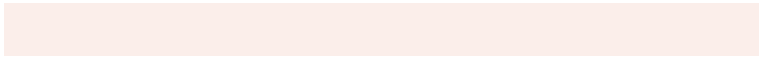
85.2095, 87.5988, 90.2591



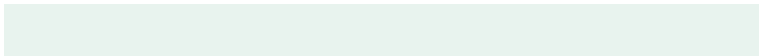
84.0271, 87.5988, 88.2773

Triad

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



85.2095, 87.5988, 90.2591



80.7415, 87.5988, 93.2068



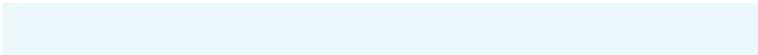
83.8714, 87.5988, 102.9792

Complementary

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



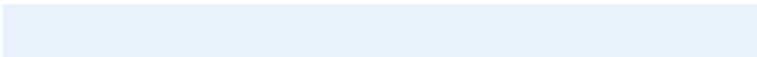
85.2095, 87.5988, 90.2591



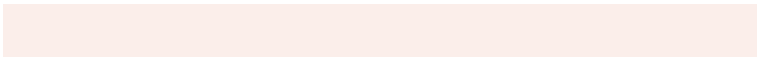
84.6049, 90.9776, 104.3692

Split Complementary

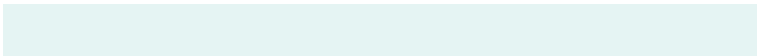
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4977, 87.5988, 102.8542



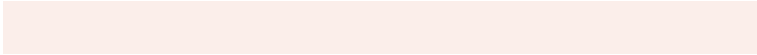
85.2095, 87.5988, 90.2591



80.7009, 87.5988, 97.1377

Square

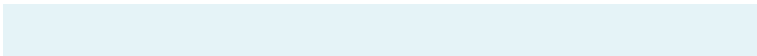
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.2095, 87.5988, 90.2591



81.4521, 87.5988, 89.9467



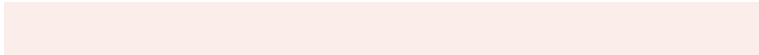
81.3405, 87.5988, 100.6914



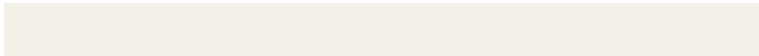
85.0945, 87.5988, 101.0283

Rectangle

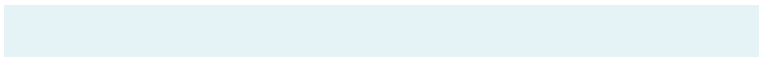
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



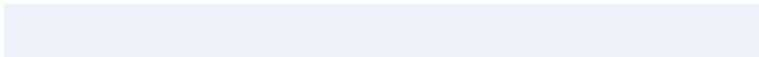
85.2095, 87.5988, 90.2591



83.1085, 87.5988, 87.9836



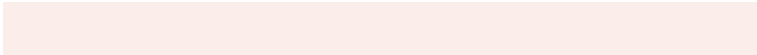
81.3405, 87.5988, 100.6914



83.4118, 87.5988, 103.1801

Sweetspot

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



85.2119, 87.6026, 90.2610



93.0085, 97.2135, 104.2223



86.0013, 86.0736, 100.1049



19.9291, 20.8369, 22.3569



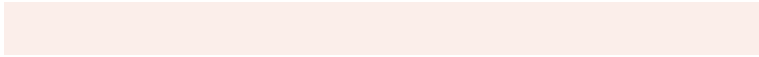
0.0000, 0.0000, 0.0000



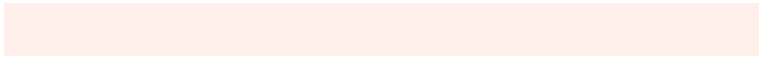
20.3446, 21.4041, 23.3091

Same Dimension

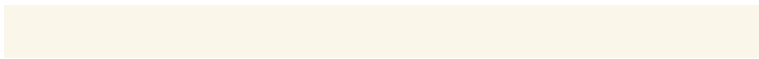
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2119, 87.6026, 90.2610



87.1629, 89.2056, 90.9190



87.7340, 92.6468, 91.1017



17.5764, 17.8887, 17.9889



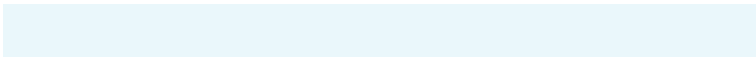
21.8294, 12.6154, 1.2845



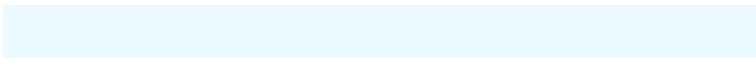
2.0995, 1.3238, 0.1449

Inverse Universe

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



84.6049, 90.9776, 104.3692



86.4252, 93.3065, 108.0626



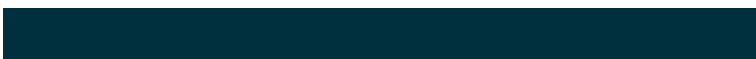
82.0755, 85.9188, 103.5261



17.3990, 18.8748, 22.1115



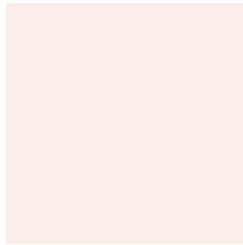
19.1642, 23.6839, 51.5350



1.8556, 2.3549, 4.7999

Previews

White Background



This preview shows how the XYZ color 85.2095, 87.5988, 90.2591 looks on a white background.

Color Contrast Check

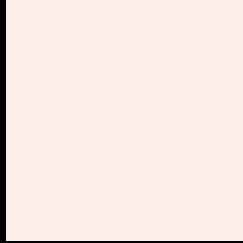
Large Text (above 18pt) WCAG AA × Fail

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 85.2095, 87.5988, 90.2591 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

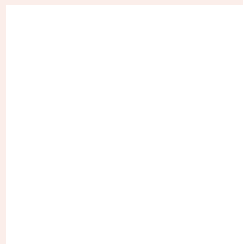
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2095, 87.5988, 90.2591

Background



This preview shows how black text looks on a background with the XYZ color 85.2095, 87.5988, 90.2591.



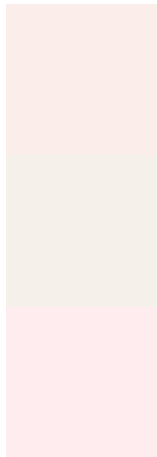
This preview shows how white text looks on a background with the XYZ color 85.2095, 87.5988,

90.2591.

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

85.2095, 87.5988, 90.2591

Protanopia

84.1615, 87.9112, 91.1300

Deuteranopia

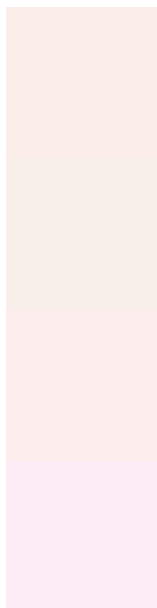
86.6681, 87.4240, 93.1955



Tritanopia

88.3110, 87.5793, 105.1785

Trichromacy



Original Color

85.2095, 87.5988, 90.2591

Protanomaly

84.5733, 87.6876, 91.0652

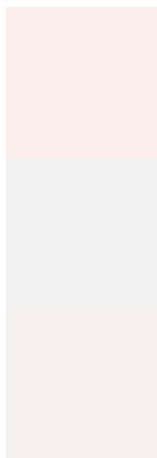
Deuteranomaly

86.4433, 87.7536, 92.5029

Tritanomaly

87.1380, 87.5274, 99.4906

Monochromacy



Original Color

85.2095, 87.5988, 90.2591

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.2489, 87.9057, 93.4160

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2095, 87.5988, 90.2591 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, 238, 234) looks like.

```
.text, #text, p{  
    color:rgb(251, 238, 234)  
}
```

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, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 238, 234) }
```

Border

The CSS property to change the border of an element to XYZ 85.2095, 87.5988, 90.2591 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, 238, 234) }
```


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

```
.border{ border-color:rgb(251, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(251, 238,  
234) }
```

Background

The CSS property to change the background color of an element to XYZ 85.2095, 87.5988, 90.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 238, 234) }
```

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

```
.background{ background-color: rgb(251,  
238, 234) }
```

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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