

Converting Colors

XYZ(87.0618, 89.7583, 93.0895)

Have a look what the booklet for
XYZ(87.0618, 89.7583, 93.0895)
contains.

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Color

**XYZ(86.8862, 89.7205,
92.8591)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF1ED
RGB	252, 241, 237
RGB Percent	99%, 95%, 93%
CMY	0.0118, 0.0549, 0.0706
CMYK	0.00, 0.04, 0.06, 0.01
HSL	16°, 71%, 96%
HSV	16°, 6%, 99%
XYZ	86.8862, 89.7205, 92.8591
YIQ	243.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

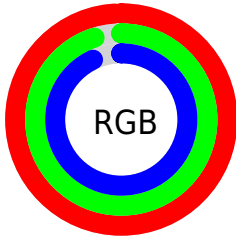
Format	Color
R _Y B	252, 242, 237
Decimal	16577005
CIE Lab	95.88, 3.02, 3.23
CIE LCh	96, 4.421, 47.004
Yxy	89.7205, 0.3224, 0.3330
Android (android.graphics.Color)	4294767085 (0xFFFCF1ED)
YUV	243.8330, -3.3687, 7.1625
Hunter-Lab	94.7209, -2.0260, 8.1800

Details

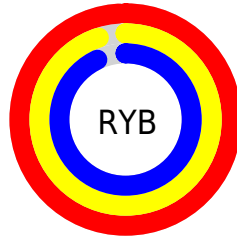
The XYZ color **86.8862, 89.7205, 92.8591** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.0628, 92.1659, 105.3502**, and the grayscale version is **85.8794, 90.3518, 98.3932**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1951, 49.6362, 50.7567** is the 20% darker color. If you saturate the color by 10%, you get **78.2672, 77.9657, 73.0799**, and if you desaturate by 10%, it is **93.9553, 99.4357, 108.8488**.

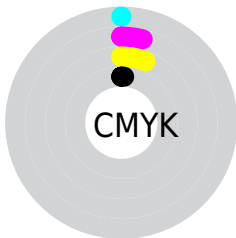
Distribution



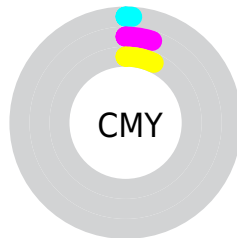
- Red (99%)
- Green (95%)
- Blue (93%)



- Red (99%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (4%)
- Yellow (6%)
- Black (1%)





- Cyan (1%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.8862, 89.7205, 92.8591 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 86.8862, 89.7205, 92.8591 by changing the saturation by 10% instead.


 86.8862, 89.7205,
92.8591

 86.8862, 89.7205,
92.8591


506.2390,
527.1212, 558.0965

 65.7288, 67.7489,
69.7674


141.9060,
146.9501, 153.2735

 48.3191, 49.6934,
50.8613

176.4990,
182.9768, 191.4334

 34.2920, 35.1699,
35.7223


216.3013,
224.4574, 235.4529

 23.2820, 23.7938,
23.9318

261.6782,
271.7761, 285.7508

 14.9237, 15.1807,
15.0713

312.9951,
325.3175, 342.7456

 8.8518, 8.9463,
8.7223

370.6173,

 4.7010, 4.7062,

385.4659, 406.8558

4.4661

434.9101,
452.6057, 478.4999

■ 2.1058, 2.0759,
1.8844

■ 0.6924, 0.6510,
0.4828

■ 86.8862, 89.7205,
92.8591

■ 86.8862, 89.7205,
92.8591

■ 78.2672, 77.9657,
73.0799

93.9553, 99.4357,
108.8488

■ 70.6798, 67.4815,
56.0903

■ 64.0863, 58.2281,
41.7655

■ 58.4437, 50.1593,
29.9690

■ 53.7059, 43.2260,
20.5521

■ 49.8226, 37.3755,
13.3504

■ 46.7380, 32.5506,
8.1782

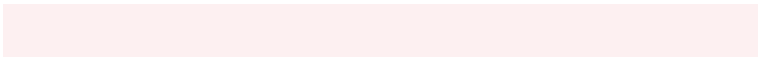
■ 44.3890, 28.6882,
4.8193

■ 42.7007, 25.7171,
3.0062

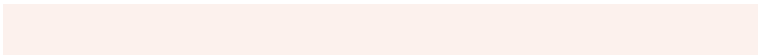
Harmonies

Analogous

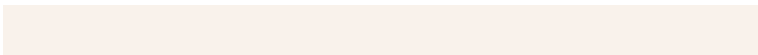
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5394, 89.7205, 95.7390



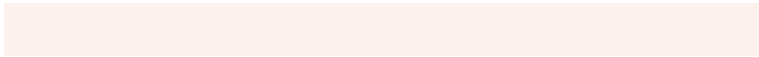
86.8862, 89.7205, 92.8591



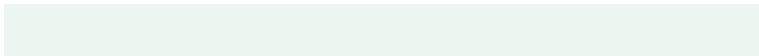
85.8052, 89.7205, 91.2901

Triad

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



86.8862, 89.7205, 92.8591



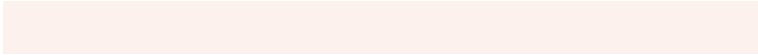
83.0115, 89.7205, 96.1875



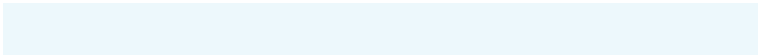
85.9644, 89.7205, 104.2560

Complementary

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



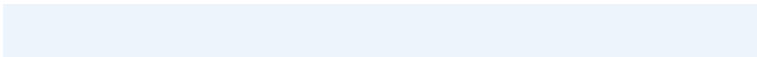
86.8862, 89.7205, 92.8591



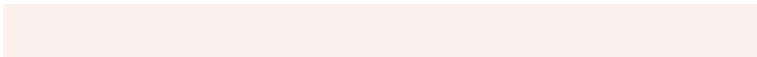
86.0628, 92.1659, 105.3502

Split Complementary

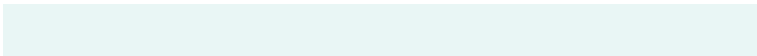
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7503, 89.7205, 104.3831



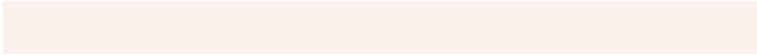
86.8862, 89.7205, 92.8591



83.0532, 89.7205, 99.6680

Square

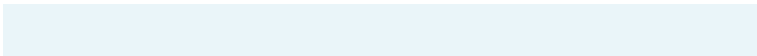
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.8862, 89.7205, 92.8591



83.5726, 89.7205, 93.1807



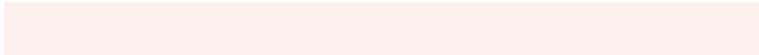
83.6871, 89.7205, 102.6864



87.0037, 89.7205, 102.3433

Rectangle

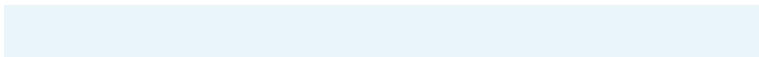
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.8862, 89.7205, 92.8591



84.9909, 89.7205, 91.1736



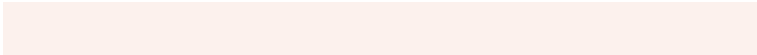
83.6871, 89.7205, 102.6864



85.5630, 89.7205, 104.5105

Sweetspot

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



86.8887, 89.7244, 92.8610



93.0586, 97.3138, 104.2390



87.3734, 88.0424, 101.1968



19.9393, 20.8574, 22.3603



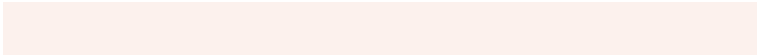
0.0000, 0.0000, 0.0000



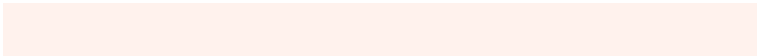
20.3446, 21.4041, 23.3091

Same Dimension

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



86.8887, 89.7244, 92.8610



88.2750, 90.8372, 93.1165



89.1533, 94.2536, 93.6159



17.9761, 18.4611, 18.8217



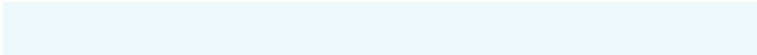
22.0688, 13.0942, 1.3643



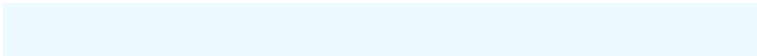
2.1272, 1.3792, 0.1541

Inverse Universe

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



86.0628, 92.1659, 105.3502



87.2837, 93.7674, 108.1063



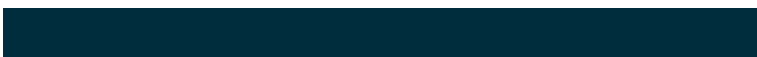
83.8044, 87.6490, 104.5974



17.7568, 19.1094, 22.1379



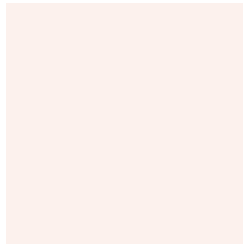
18.2875, 21.9305, 51.2427



1.7808, 2.2053, 4.7750

Previews

White Background



This preview shows how the XYZ color 86.8862, 89.7205, 92.8591 looks on a white background.

Color Contrast Check

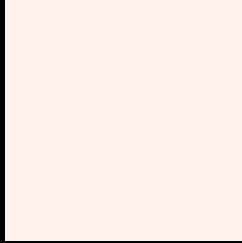
Large Text (above 18pt) WCAG AA × Fail

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 86.8862, 89.7205, 92.8591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

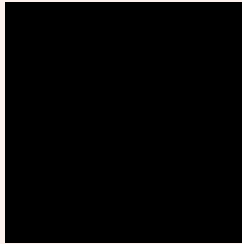
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

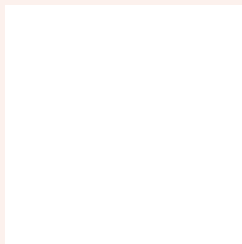
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8862, 89.7205, 92.8591

Background



This preview shows how black text looks on a background with the XYZ color 86.8862, 89.7205, 92.8591.



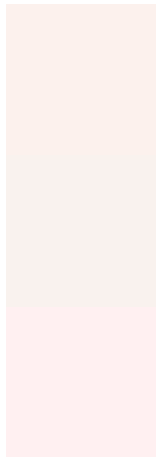
This preview shows how white text looks on a background with the XYZ color 86.8862, 89.7205,

92.8591.

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

86.8862, 89.7205, 92.8591

Protanopia

86.2517, 89.8170, 93.6794

Deuteranopia

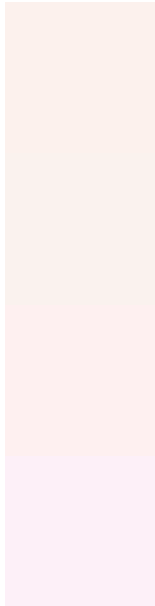
88.2773, 89.9311, 95.9248



Tritanopia

89.4245, 89.8357, 107.2346

Trichromacy



Original Color

86.8862, 89.7205, 92.8591

Protanomaly

86.6091, 90.0013, 93.6961

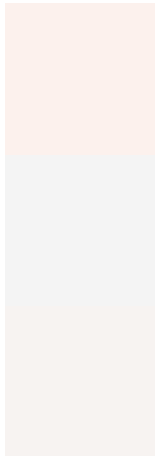
Deuteranomaly

87.7613, 89.6823, 95.1230

Tritanomaly

88.6114, 89.9801, 101.5045

Monochromacy



Original Color

86.8862, 89.7205, 92.8591

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2855, 90.2262, 96.0868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8862, 89.7205, 92.8591 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(252, 241, 237) looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 237)  
}
```

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(252, 241, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 237) }
```

Border

The CSS property to change the border of an element to XYZ 86.8862, 89.7205, 92.8591 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(252, 241, 237) }
```


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

```
.border{ border-color:rgb(252, 241, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 241, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 241, 237); box-shadow:4px 4px 4px 4px rgb(252, 241, 237) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8862, 89.7205, 92.8591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 237) }
```

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

```
.background{ background-color: rgb(252,  
241, 237) }
```

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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