

Converting Colors

XYZ(86.2195, 92.7274, 96.4848)

Have a look what the booklet for
XYZ(86.2195, 92.7274, 96.4848)
contains.

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Color

**XYZ(86.3708, 92.9795,
96.6137)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F9F1
RGB	242, 249, 241
RGB Percent	95%, 98%, 95%
CMY	0.0510, 0.0235, 0.0549
CMYK	0.03, 0.00, 0.03, 0.02
HSL	113°, 40%, 96%
HSV	113°, 3%, 98%
XYZ	86.3708, 92.9795, 96.6137
YIQ	245.9950, -1.6040, -3.9720

Conversions

Conversions Part 2

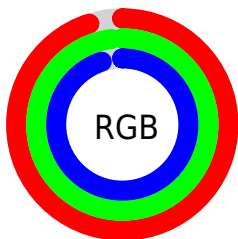
Format	Color
R _{YB}	241, 249, 248
Decimal	15923697
CIE Lab	97.22, -3.72, 3.02
CIE LCh	97, 4.788, 140.907
Yxy	92.9795, 0.3130, 0.3369
Android (android.graphics.Color)	4294113777 (0xFFFF2F9F1)
YUV	245.9950, -2.4625, -3.5036
Hunter-Lab	96.4259, -8.8589, 8.0926

Details

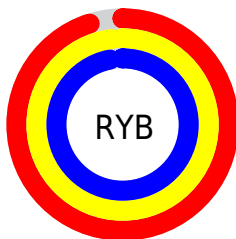
The XYZ color **86.3708, 92.9795, 96.6137** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.2692, 89.7092, 102.3434**, and the grayscale version is **87.6159, 92.1787, 100.3826**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0766, 52.0818, 53.4178** is the 20% darker color. If you saturate the color by 10%, you get **75.8643, 87.9667, 78.0152**, and if you desaturate by 10%, it is **93.1675, 96.2350, 108.2725**.

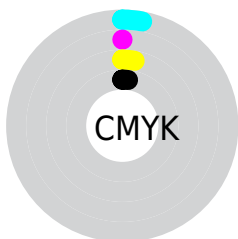
Distribution



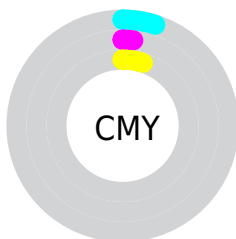
- Red (95%)
- Green (98%)
- Blue (95%)



- Red (95%)
- Yellow (98%)
- Blue (97%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)



- Cyan (5%)
- Magenta (2%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.3708, 92.9795, 96.6137 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 86.3708, 92.9795, 96.6137 by changing the saturation by 10% instead.

86.3708, 92.9795,
96.6137

86.3708, 92.9795,
96.6137

504.5687,
537.6761, 570.4340

65.3009, 70.4545,
72.8745

141.1910,
151.4702, 158.5068

47.9707, 51.8971,
53.3822

175.6720,
188.2047, 197.4978

34.0149, 36.9231,
37.7181

215.3541,
230.4445, 242.4098

23.0680, 25.1479,
25.4639

260.6027,
278.5739, 293.6614

14.7647, 16.1873,
16.2008

311.7831,
332.9774, 351.6711

8.7396, 9.6568,
9.5105

369.2607,

4.6275, 5.1720,

394.0393, 416.8574

4.9743

433.4007,
462.1441, 489.6388

■ 2.0629, 2.3485,
2.1737

■ 0.6689, 0.7992,
0.6591

■ 86.3708, 92.9795,
96.6137

■ 86.3708, 92.9795,
96.6137

■ 75.8643, 87.9667,
78.0152

■ 93.1675, 96.2350,
108.2725

■ 66.7032, 83.5884,
62.0246

■ 58.8352, 79.8229,
48.5273

■ 52.2017, 76.6427,
37.3976

■ 46.7395, 74.0181,
28.4990

■ 42.3798, 71.9170,
21.6811

■ 39.0464, 70.3037,
16.7748

■ 36.6532, 69.1381,
13.5847

■ 35.0995, 68.3734,
11.8735

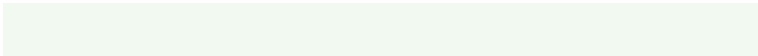
Harmonies

Analogous

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



87.4493, 92.9795, 94.4382



86.3708, 92.9795, 96.6137



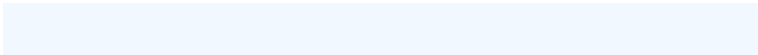
85.8306, 92.9795, 100.0661

Triad

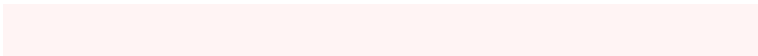
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3708, 92.9795, 96.6137



87.9638, 92.9795, 108.7742



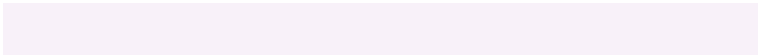
90.8264, 92.9795, 98.6038

Complementary

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



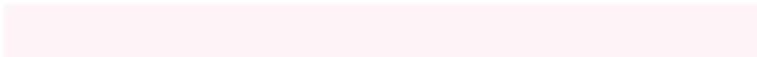
86.3708, 92.9795, 96.6137



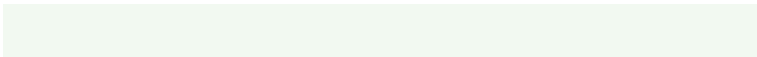
87.2692, 89.7092, 102.3434

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.



90.9676, 92.9795, 102.4208



86.3708, 92.9795, 96.6137



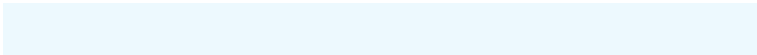
89.3057, 92.9795, 108.3584

Square

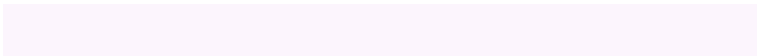
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



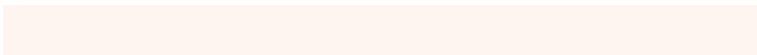
86.3708, 92.9795, 96.6137



86.7441, 92.9795, 107.1312



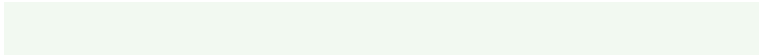
90.4084, 92.9795, 106.0093



90.0246, 92.9795, 95.5667

Rectangle

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



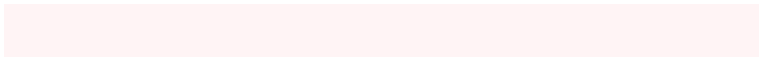
86.3708, 92.9795, 96.6137



85.8446, 92.9795, 102.6549



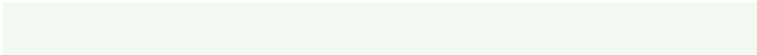
90.4084, 92.9795, 106.0093



90.9530, 92.9795, 99.8359

Sweetspot

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



86.3734, 92.9835, 96.6157



93.8259, 99.4161, 106.7139



88.4950, 93.5889, 96.6208



20.0955, 21.2853, 22.8642



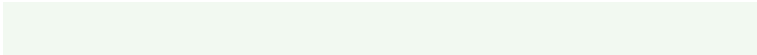
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

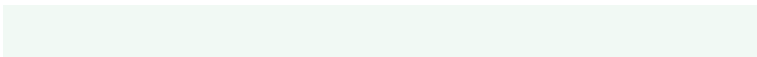
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3734, 92.9835, 96.6157



90.2429, 97.7066, 100.3292



86.4732, 92.9839, 98.9276



18.3134, 19.9355, 20.2420



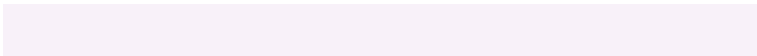
18.4996, 36.4552, 6.0615



1.7751, 3.4082, 0.5643

Inverse Universe

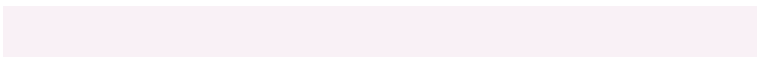
The Inverse Universe completely reimagines the original color for something new.



87.2692, 89.7092, 102.3434



91.4148, 93.4230, 107.8221



87.1703, 89.7107, 99.9675



18.5967, 18.9001, 22.0532



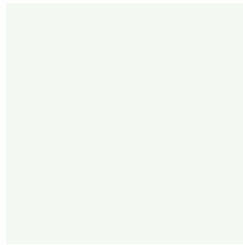
24.6973, 11.6746, 48.9253



2.3453, 1.1111, 4.5340

Previews

White Background



This preview shows how the XYZ color 86.3708, 92.9795, 96.6137 looks on a white background.

Color Contrast Check

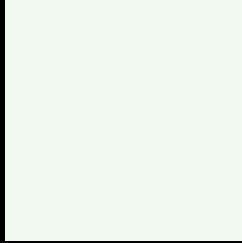
Large Text (above 18pt) WCAG AA × Fail

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 86.3708, 92.9795, 96.6137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

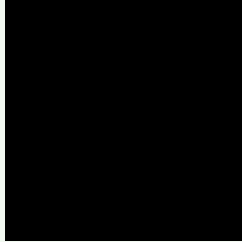
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

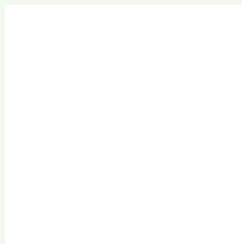
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.3708, 92.9795, 96.6137

Background



This preview shows how black text looks on a background with the XYZ color 86.3708, 92.9795, 96.6137.

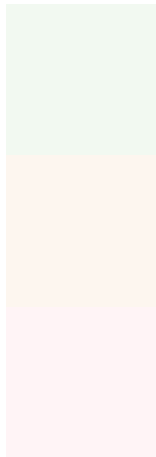


This preview shows how white text looks on a background with the XYZ color 86.3708, 92.9795,

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

86.3708, 92.9795, 96.6137

Protanopia

89.0438, 93.0262, 94.9241

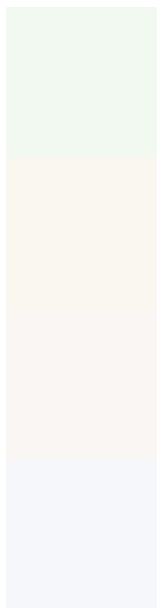
Deuteranopia

90.2252, 92.6152, 100.3099

Tritanopia

89.0118, 92.7244, 107.8139

Trichromacy



Original Color

86.3708, 92.9795, 96.6137

Protanomaly

88.0559, 92.9525, 95.7387

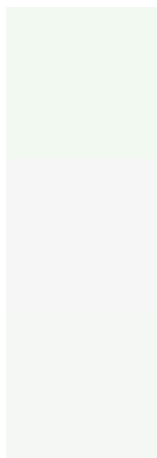
Deuteranomaly

88.7092, 92.7672, 98.8183

Tritanomaly

88.1723, 92.8361, 103.7145

Monochromacy



Original Color

86.3708, 92.9795, 96.6137

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.2461, 92.4657, 98.8372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.3708, 92.9795, 96.6137 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(242, 249, 241) looks like.

```
.text, #text, p{  
    color:rgb(242, 249, 241)  
}
```

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(242, 249, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 249, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.3708, 92.9795, 96.6137 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(242, 249, 241) }
```


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

```
.border{ border-color:rgb(242, 249, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 249, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 249, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 249, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 249,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.3708, 92.9795, 96.6137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 249, 241) }
```

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

```
.background{ background-color: rgb(242,  
249, 241) }
```

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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