

Converting Colors

XYZ(86.4829, 92.2323, 96.8249)

Have a look what the booklet for
XYZ(86.4829, 92.2323, 96.8249)
contains.

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Color

**XYZ(86.4462, 92.1055,
96.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F7F1
RGB	244, 247, 241
RGB Percent	96%, 97%, 95%
CMY	0.0431, 0.0313, 0.0549
CMYK	0.01, 0.00, 0.02, 0.03
HSL	90°, 27%, 96%
HSV	90°, 2%, 97%
XYZ	86.4462, 92.1055, 96.4410
YIQ	245.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

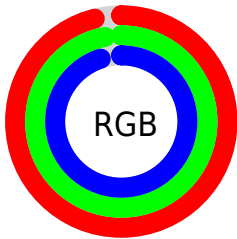
Format	Color
R_{YB}	241, 247, 244
Decimal	16054257
CIE _{Lab}	96.86, -2.04, 2.52
CIE _{LCh}	97, 3.243, 129.005
Yxy	92.1055, 0.3144, 0.3349
Android (android.graphics.Color)	4294244337 (0xFFFF4F7F1)
YUV	245.4190, -2.1786, -1.2445
Hunter-Lab	95.9716, -7.1669, 7.6001

Details

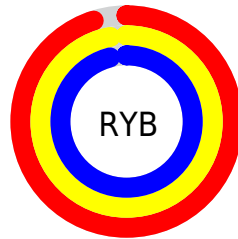
The XYZ color 86.4462, 92.1055, 96.4410 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.5555, 88.8615, 100.6431, and the grayscale version is 87.1476, 91.6861, 99.8461.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 48.1268, 51.4558, 53.2943 is the 20% darker color. If you saturate the color by 10%, you get 78.8590, 88.5946, 78.1142, and if you desaturate by 10%, it is 92.5525, 95.0051, 108.0675.

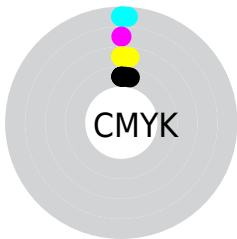
Distribution



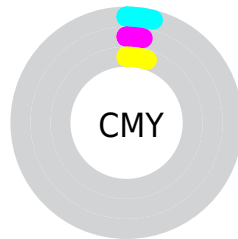
- Red (96%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (96%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.4462, 92.1055, 96.4410 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 86.4462, 92.1055, 96.4410 by changing the saturation by 10% instead.

86.4462, 92.1055,
96.4410

86.4462, 92.1055,
96.4410

504.8132,
534.8564, 569.8697

65.3635, 69.7283,
72.7314

141.2956,
150.2596, 158.2666

48.0217, 51.3050,
53.2659

175.7930,
186.8053, 197.2196

34.0554, 36.4514,
37.6259

215.4928,
228.8425, 242.0909

23.0992, 24.7830,
25.3929

260.7601,
276.7557, 293.2990

14.7879, 15.9155,
16.1483

311.9605,
330.9293, 351.2623

8.7560, 9.4644,
9.4737

369.4593,

4.6382, 5.0453,

391.7477, 416.3996

4.9504

433.6217,
459.5953, 489.1292

■ 2.0691, 2.2739,
2.1600

■ 0.6724, 0.7598,
0.6511

■ 86.4462, 92.1055,
96.4410

■ 86.4462, 92.1055,
96.4410

■ 78.8590, 88.5946,
78.1142

■ 92.5525, 95.0051,
108.0675

■ 72.0315, 85.4173,
62.3282

■ 65.9394, 82.5659,
48.9722

■ 60.5535, 80.0284,
37.9253

■ 55.8430, 77.7914,
29.0558

■ 51.7739, 75.8409,
22.2191

■ 48.3090, 74.1609,
17.2528

■ 45.4057, 72.7339,
13.9698

■ 43.0141, 71.5389,
12.1439

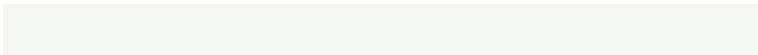
Harmonies

Analogous

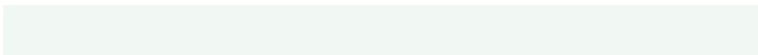
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2698, 92.1055, 95.4159



86.4462, 92.1055, 96.4410



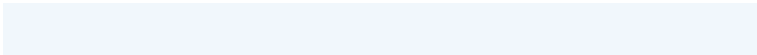
85.9191, 92.1055, 98.5014

Triad

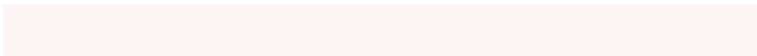
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4462, 92.1055, 96.4410



86.9177, 92.1055, 105.0417



89.2842, 92.1055, 99.5045

Complementary

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



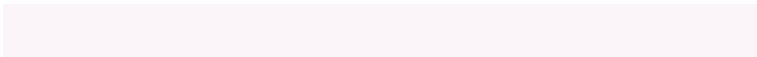
86.4462, 92.1055, 96.4410



85.5555, 88.8615, 100.6431

Split Complementary

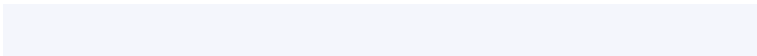
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1883, 92.1055, 102.0945



86.4462, 92.1055, 96.4410



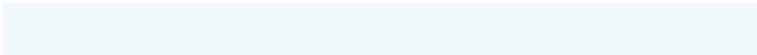
87.8178, 92.1055, 105.3216

Square

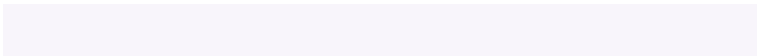
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



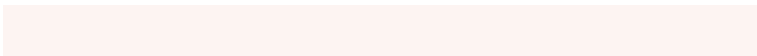
86.4462, 92.1055, 96.4410



86.1900, 92.1055, 103.4763



88.6501, 92.1055, 104.2344



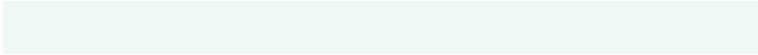
88.9111, 92.1055, 97.1644

Rectangle

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



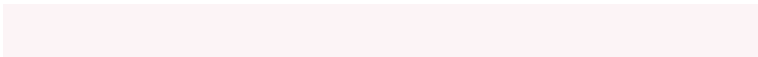
86.4462, 92.1055, 96.4410



85.8046, 92.1055, 100.2002



88.6501, 92.1055, 104.2344



89.3057, 92.1055, 100.3743

Sweetspot

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



86.4488, 92.1095, 96.4430



94.1742, 99.5957, 106.7302



86.5891, 90.8298, 96.1886



20.1664, 21.3218, 22.8675



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.



86.4488, 92.1095, 96.4430



92.4483, 98.7983, 102.4766



85.4162, 91.5771, 96.3947



17.9882, 19.3033, 19.7632



22.1056, 37.5087, 6.0748



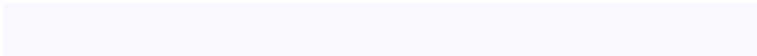
2.0614, 3.3577, 0.5395

Inverse Universe

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



85.5555, 88.8615, 100.6431



91.2656, 94.4981, 108.0375



86.6050, 89.4026, 100.6923



17.6972, 18.2452, 21.1315



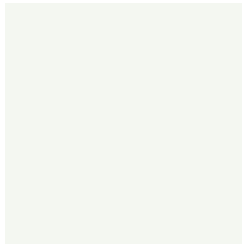
13.4074, 5.8861, 46.9675



1.2969, 0.5784, 4.1335

Previews

White Background



This preview shows how the XYZ color 86.4462, 92.1055, 96.4410 looks on a white background.

Color Contrast Check

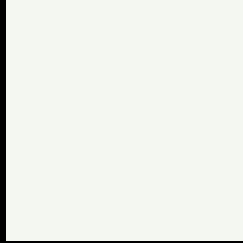
Large Text (above 18pt) WCAG AA × Fail

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 86.4462, 92.1055, 96.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

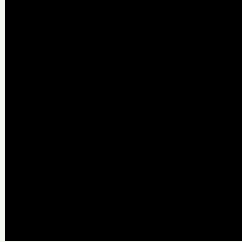
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

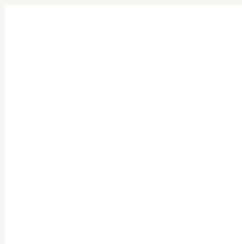
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.4462, 92.1055, 96.4410

Background



This preview shows how black text looks on a background with the XYZ color 86.4462, 92.1055, 96.4410.



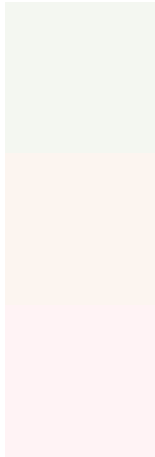
This preview shows how white text looks on a background with the XYZ color 86.4462, 92.1055, 96.4410.

96.4410.

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

86.4462, 92.1055, 96.4410

Protanopia

88.5255, 92.2915, 95.5863

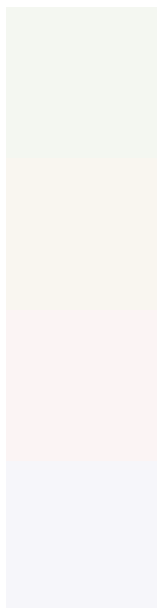
Deuteranopia

89.7720, 91.9538, 99.4036

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

86.4462, 92.1055, 96.4410

Protanomaly

87.7509, 92.3425, 95.6370

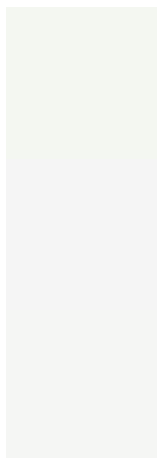
Deuteranomaly

88.4635, 91.7423, 98.6335

Tritanomaly

88.2171, 92.4065, 103.6292

Monochromacy



Original Color

86.4462, 92.1055, 96.4410

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.9411, 91.8557, 98.7356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.4462, 92.1055, 96.4410 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(244, 247, 241) looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 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(244, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.4462, 92.1055, 96.4410 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(244, 247, 241) }
```


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

```
.border{ border-color:rgb(244, 247, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.4462, 92.1055, 96.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 241) }
```

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

```
.background{ background-color: rgb(244,  
247, 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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