

Converting Colors

XYZ(86.6062, 92.0118, 96.0302)

Have a look what the booklet for
XYZ(86.6062, 92.0118, 96.0302)
contains.

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Color

**XYZ(86.7941, 92.2849,
96.4573)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F1
RGB	245, 247, 241
RGB Percent	96%, 97%, 95%
CMY	0.0392, 0.0313, 0.0549
CMYK	0.01, 0.00, 0.02, 0.03
HSL	80°, 27%, 96%
HSV	80°, 2%, 97%
XYZ	86.7941, 92.2849, 96.4573
YIQ	245.7180, 0.7340, -2.2900

Conversions

Conversions Part 2

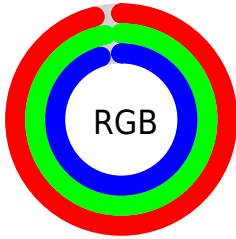
Format	Color
R _Y B	241, 247, 243
Decimal	16119793
CIE Lab	96.94, -1.71, 2.64
CIE LCh	97, 3.141, 122.942
Yxy	92.2849, 0.3150, 0.3349
Android (android.graphics.Color)	4294309873 (0xFFFF5F7F1)
YUV	245.7180, -2.3260, -0.6297
Hunter-Lab	96.0650, -6.8403, 7.7134

Details

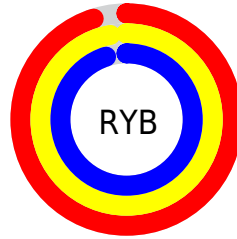
The XYZ color **86.7941, 92.2849, 96.4573** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.2096, 88.6832, 100.6271**, and the grayscale version is **87.3896, 91.9407, 100.1234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3740, 51.5832, 53.3059** is the 20% darker color. If you saturate the color by 10%, you get **80.5394, 89.4609, 78.1929**, and if you desaturate by 10%, it is **91.9110, 94.6744, 108.0375**.

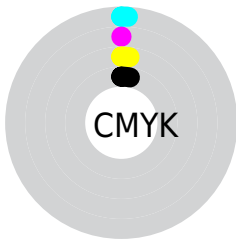
Distribution



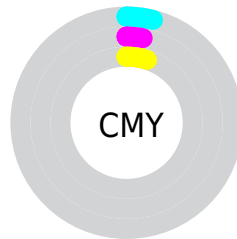
- Red (96%)
- Green (97%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.7941, 92.2849, 96.4573 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 86.7941, 92.2849, 96.4573 by changing the saturation by 10% instead.

86.7941, 92.2849,
96.4573

86.7941, 92.2849,
96.4573

505.9407,
535.4358, 569.9230

65.6523, 69.8773,
72.7449

141.7783,
150.5082, 158.2892

48.2569, 51.4265,
53.2769

176.3513,
187.0927, 197.2459

34.2424, 36.5481,
37.6346

216.1322,
229.1715, 242.1210

23.2437, 24.8578,
25.3996

261.4862,
277.1292, 293.3332

14.8952, 15.9712,
16.1533

312.7787,
331.3501, 351.3009

8.8317, 9.5038,
9.4772

370.3750,

4.6878, 5.0712,

392.2186, 416.4428

4.9527

434.6406,
460.1190, 489.1773

■ 2.0981, 2.2891,
2.1613

■ 0.6882, 0.7679,
0.6519

■ 86.7941, 92.2849,
96.4573

■ 86.7941, 92.2849,
96.4573

■ 80.5394, 89.4609,
78.1929

■ 91.9110, 94.6744,
108.0375

■ 74.8891, 86.8904,
62.4619

■ 92.5526, 95.0052,
108.0675

■ 69.8227, 84.5679,
49.1539

■ 65.3156, 82.4833,
38.1481

■ 61.3411, 80.6258,
29.3131

■ 57.8699, 78.9835,
22.5044

■ 54.8696, 77.5431,
17.5599

■ 52.3027, 76.2895,
14.2926

■ 50.1244, 75.2045,
12.4767

Harmonies

Analogous

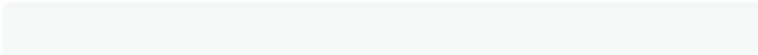
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6269, 92.2849, 95.7048



86.7941, 92.2849, 96.4573



86.2109, 92.2849, 98.2871

Triad

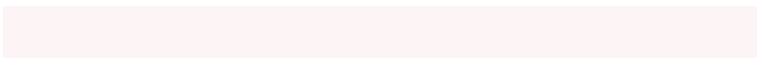
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7941, 92.2849, 96.4573



86.9440, 92.2849, 104.8748



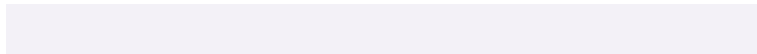
89.4204, 92.2849, 100.2332

Complementary

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



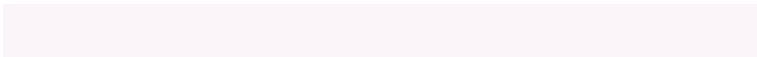
86.7941, 92.2849, 96.4573



85.2096, 88.6832, 100.6271

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.



89.2346, 92.2849, 102.7105



86.7941, 92.2849, 96.4573



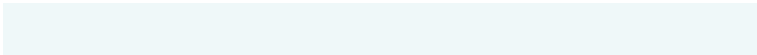
87.8012, 92.2849, 105.4167

Square

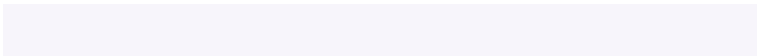
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



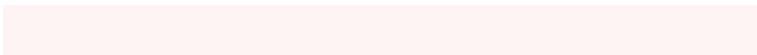
86.7941, 92.2849, 96.4573



86.2970, 92.2849, 103.1497



88.6404, 92.2849, 104.6183



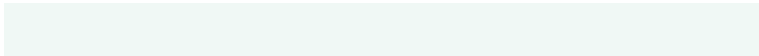
89.1465, 92.2849, 97.8618

Rectangle

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



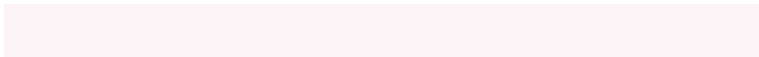
86.7941, 92.2849, 96.4573



86.0400, 92.2849, 99.8863



88.6404, 92.2849, 104.6183



89.4096, 92.2849, 101.0812

Sweetspot

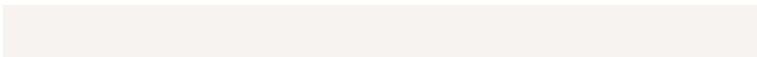
The Sweet Spot groups the original color and five complimentary colors.



86.7967, 92.2889, 96.4593



94.3296, 99.6757, 106.7374



86.2889, 90.2293, 96.0885



20.1980, 21.3381, 22.8690



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

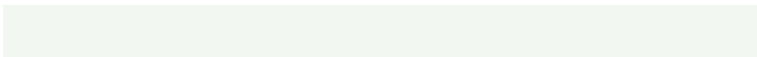
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.7967, 92.2889, 96.4593



92.9091, 99.0358, 102.4981



85.7588, 91.7538, 96.4107



18.1017, 19.3618, 19.7685



25.9028, 39.4662, 6.2525



2.3853, 3.5247, 0.5546

Inverse Universe

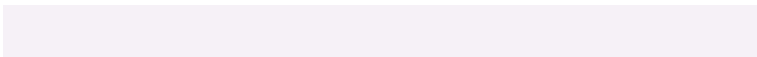
The Inverse Universe completely reimagines the original color for something new.



85.2096, 88.6832, 100.6271



90.8079, 94.2621, 108.0161



86.2531, 89.2212, 100.6759



17.5847, 18.1872, 21.1262



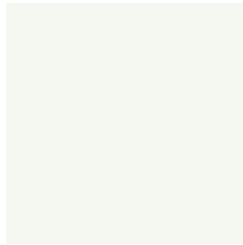
10.8749, 4.5805, 46.8490



1.0604, 0.4565, 4.1225

Previews

White Background



This preview shows how the XYZ color 86.7941, 92.2849, 96.4573 looks on a white background.

Color Contrast Check

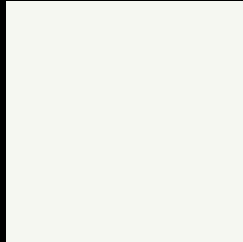
Large Text (above 18pt) WCAG AA × Fail

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 86.7941, 92.2849, 96.4573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

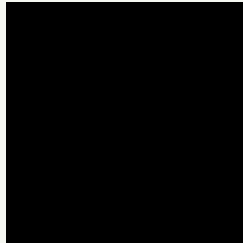
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

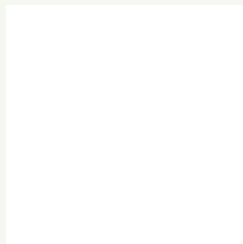
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7941, 92.2849, 96.4573

Background



This preview shows how black text looks on a background with the XYZ color 86.7941, 92.2849, 96.4573.



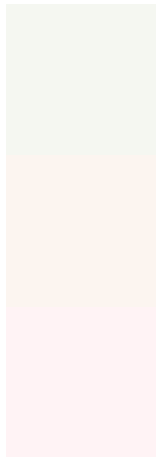
This preview shows how white text looks on a background with the XYZ color 86.7941, 92.2849,

96.473.

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

86.7941, 92.2849, 96.4573

Protanopia

88.5255, 92.2915, 95.5863

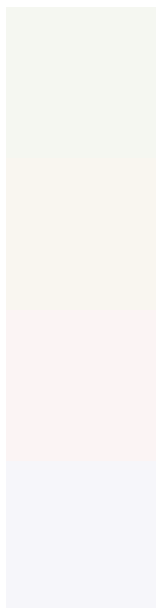
Deuteranopia

89.7720, 91.9538, 99.4036

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

86.7941, 92.2849, 96.4573

Protanomaly

87.7509, 92.3425, 95.6370

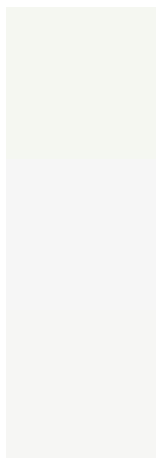
Deuteranomaly

88.4635, 91.7423, 98.6335

Tritanomaly

88.2171, 92.4065, 103.6292

Monochromacy



Original Color

86.7941, 92.2849, 96.4573

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

87.2909, 92.0360, 98.7520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7941, 92.2849, 96.4573 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(245, 247, 241) looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.7941, 92.2849, 96.4573 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(245, 247, 241) }
```


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

```
.border{ border-color:rgb(245, 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(245, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7941, 92.2849, 96.4573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 247, 241) }
```

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

```
.background{ background-color: rgb(245,  
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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