

Converting Colors

XYZ(86.9147, 92.5245, 95.6613)

Have a look what the booklet for
XYZ(86.9147, 92.5245, 95.6613)
contains.

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Color

**XYZ(86.6451, 92.2253,
95.6726)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F7F0
RGB	245, 247, 240
RGB Percent	96%, 97%, 94%
CMY	0.0392, 0.0313, 0.0588
CMYK	0.01, 0.00, 0.03, 0.03
HSL	77°, 30%, 95%
HSV	77°, 3%, 97%
XYZ	86.6451, 92.2253, 95.6726
YIQ	245.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

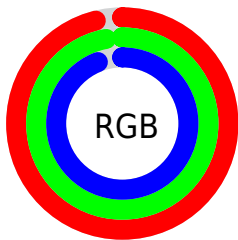
Format	Color
R _Y B	240, 247, 242
Decimal	16119792
CIE Lab	96.91, -1.88, 3.12
CIE LCh	97, 3.640, 121.114
Yxy	92.2253, 0.3156, 0.3359
Android (android.graphics.Color)	4294309872 (0xFF5F7F0)
YUV	245.6040, -2.7628, -0.5297
Hunter-Lab	96.0340, -7.0108, 8.1569

Details

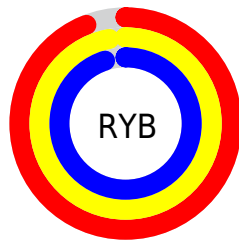
The XYZ color **86.6451, 92.2253, 95.6726** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.5701, 87.9153, 100.5125**, and the grayscale version is **87.3008, 91.8473, 100.0217**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2688, 51.5411, 52.7518** is the 20% darker color. If you saturate the color by 10%, you get **80.8042, 89.6124, 77.5311**, and if you desaturate by 10%, it is **91.4831, 94.4538, 108.0175**.

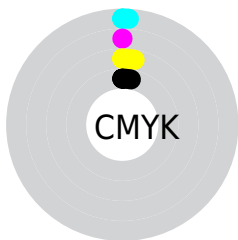
Distribution



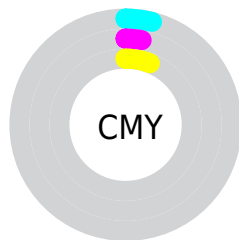
- Red (96%)
- Green (97%)
- Blue (94%)



- Red (94%)
- Yellow (97%)
- Blue (95%)



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



- Cyan (4%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6451, 92.2253, 95.6726 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 86.6451, 92.2253, 95.6726 by changing the saturation by 10% instead.

86.6451, 92.2253,
95.6726

86.6451, 92.2253,
95.6726

505.4580,
535.2434, 567.3552

65.5286, 69.8278,
72.0949

141.5716,
150.4256, 157.1971

48.1561, 51.3861,
52.7489

176.1122,
186.9972, 195.9809

34.1623, 36.5160,
37.2160

215.8584,
229.0622, 240.6706

23.1818, 24.8330,
25.0777

261.1753,
277.0052, 291.6847

14.8492, 15.9527,
15.9154

312.4284,
331.2103, 349.4416

8.7993, 9.4907,
9.3106

369.9829,

4.6665, 5.0626,

392.0622, 414.3600

4.8448

434.2044,
459.9451, 486.8584

■ 2.0857, 2.2840,
2.0993

■ 0.6814, 0.7652,
0.6154

■ 86.6451, 92.2253,
95.6726

■ 86.6451, 92.2253,
95.6726

■ 80.8042, 89.6124,
77.5311

■ 91.4831, 94.4538,
108.0175

■ 75.5334, 87.2353,
61.9171

■ 92.5526, 95.0052,
108.0675

■ 70.8129, 85.0890,
48.7199

■ 66.6186, 83.1637,
37.8182

■ 62.9243, 81.4488,
29.0802

■ 59.7015, 79.9328,
22.3610

■ 56.9181, 78.6026,
17.4975

■ 54.5371, 77.4435,
14.3016

■ 52.5142, 76.4374,
12.5454

Harmonies

Analogous

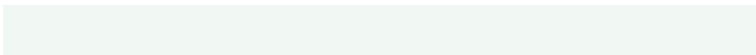
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6192, 92.2253, 94.8913



86.6451, 92.2253, 95.6726



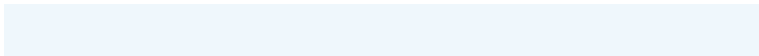
85.9467, 92.2253, 97.7215

Triad

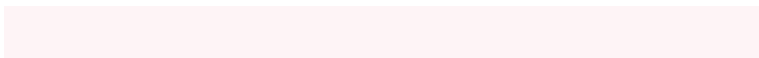
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.6451, 92.2253, 95.6726



86.7108, 92.2253, 105.4302



89.6383, 92.2253, 100.3082

Complementary

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



86.6451, 92.2253, 95.6726



84.5701, 87.9153, 100.5125

Split Complementary

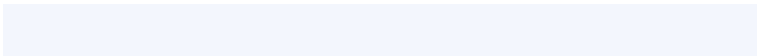
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3906, 92.2253, 103.1630



86.6451, 92.2253, 95.6726



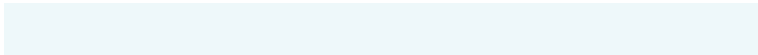
87.6956, 92.2253, 106.1546

Square

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



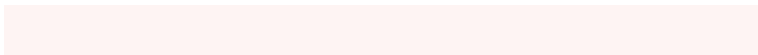
86.6451, 92.2253, 95.6726



85.9845, 92.2253, 103.3562



88.6775, 92.2253, 105.3171



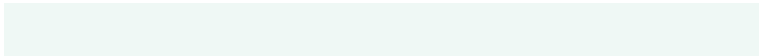
89.3518, 92.2253, 97.5354

Rectangle

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



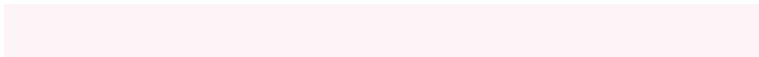
86.6451, 92.2253, 95.6726



85.7287, 92.2253, 99.5502



88.6775, 92.2253, 105.3171



89.6147, 92.2253, 101.2902

Sweetspot

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



86.6477, 92.2293, 95.6746



94.3741, 99.6987, 106.7395



85.8363, 89.5627, 95.2027



20.2071, 21.3428, 22.8694



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.



86.6477, 92.2293, 95.6746



93.0417, 99.1041, 102.5043



85.4442, 91.6088, 95.6183



18.1343, 19.3786, 19.7701



27.2436, 40.1574, 6.3153



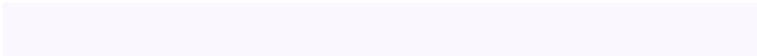
2.4953, 3.5815, 0.5598

Inverse Universe

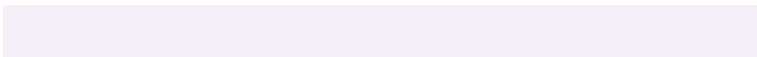
The Inverse Universe completely reimagines the original color for something new.



84.5701, 87.9153, 100.5125



90.6774, 94.1948, 108.0099



85.7768, 88.5374, 100.5690



17.5526, 18.1707, 21.1247



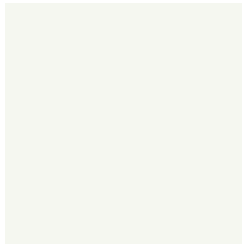
10.3616, 4.3159, 46.8250



1.0077, 0.4293, 4.1200

Previews

White Background



This preview shows how the XYZ color 86.6451, 92.2253, 95.6726 looks on a white background.

Color Contrast Check

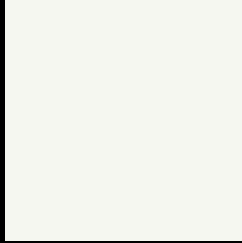
Large Text (above 18pt) WCAG AA × Fail

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 86.6451, 92.2253, 95.6726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

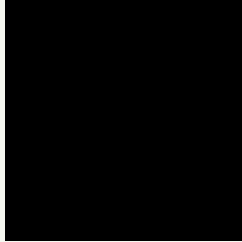
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

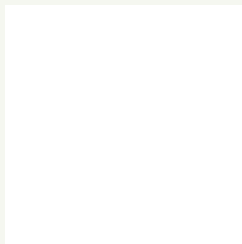
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6451, 92.2253, 95.6726

Background



This preview shows how black text looks on a background with the XYZ color 86.6451, 92.2253, 95.6726.



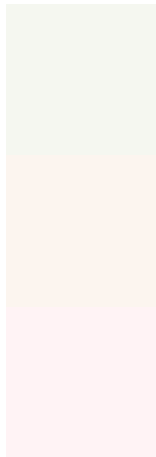
This preview shows how white text looks on a background with the XYZ color 86.6451, 92.2253,

95.6 26.

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

86.6451, 92.2253, 95.6726

Protanopia

88.3773, 92.2323, 94.8060

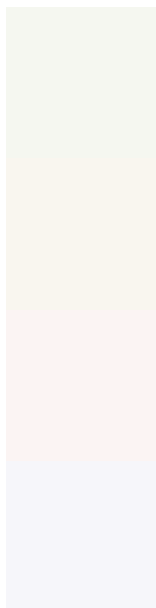
Deuteranopia

89.7720, 91.9538, 99.4036

Tritanopia

89.0602, 92.2990, 107.7292

Trichromacy



Original Color

86.6451, 92.2253, 95.6726

Protanomaly

87.6027, 92.2833, 94.8567

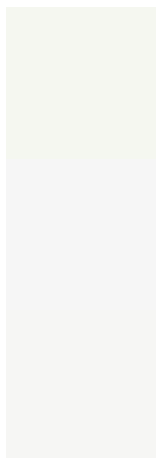
Deuteranomaly

88.3120, 91.6817, 97.8358

Tritanomaly

88.2171, 92.4065, 103.6292

Monochromacy



Original Color

86.6451, 92.2253, 95.6726

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 86.6451, 92.2253, 95.6726 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, 240) looks like.

```
.text, #text, p{  
    color:rgb(245, 247, 240)  
}
```

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, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 247, 240) }
```

Border

The CSS property to change the border of an element to XYZ 86.6451, 92.2253, 95.6726 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, 240) }
```


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

```
.border{ border-color:rgb(245, 247, 240) }
```

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, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 247, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 247, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 247,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 86.6451, 92.2253, 95.6726 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, 240) }
```

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

```
.background{ background-color: rgb(245,  
247, 240) }
```

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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