

Converting Colors

XYZ(86.4402, 89.5978,
106.6625)

Have a look what the booklet for
XYZ(86.4402, 89.5978, 106.6625)
contains.

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Color

**XYZ(86.2595, 89.5373,
106.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F2FE
RGB	242, 242, 254
RGB Percent	95%, 95%, 100%
CMY	0.0510, 0.0510, 0.0039
CMYK	0.05, 0.05, 0.00, 0.00
HSL	240°, 86%, 97%
HSV	240°, 5%, 100%
XYZ	86.2595, 89.5373, 106.5020
YIQ	243.3680, -3.8520, 3.7320

Conversions

Conversions Part 2

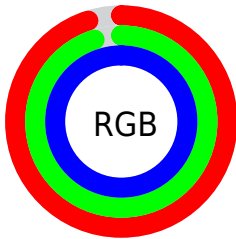
Format	Color
R _Y B	242, 242, 254
Decimal	15921918
CIE Lab	95.80, 2.17, -5.77
CIE LCh	96, 6.161, 290.662
Yxy	89.5373, 0.3056, 0.3172
Android (android.graphics.Color)	4294111998 (0xFF F2 F2 FE)
YUV	243.3680, 5.2416, -1.1997
Hunter-Lab	94.6242, -2.8714, -0.4956

Details

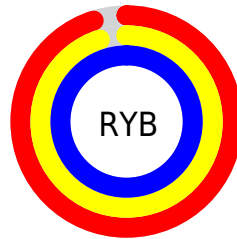
The XYZ color **86.2595, 89.5373, 106.5020** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.3421, 98.3643, 98.1252**, and the grayscale version is **85.4485, 89.8984, 97.8994**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8866, 49.5881, 59.8709** is the 20% darker color. If you saturate the color by 10%, you get **71.1001, 71.2734, 103.7771**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0556**.

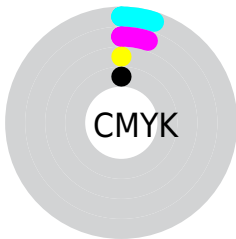
Distribution



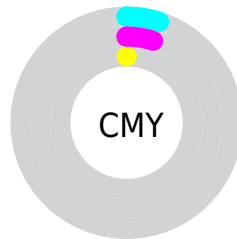
- Red (95%)
- Green (95%)
- Blue (100%)



- Red (95%)
- Yellow (95%)
- Blue (100%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2595, 89.5373, 106.5020 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 86.2595, 89.5373, 106.5020 by changing the saturation by 10% instead.

86.2595, 89.5373,
106.5020

86.2595, 89.5373,
106.5020

504.2076,
526.5246, 602.2674

65.2086, 67.5969,
81.0946

141.0365,
146.6955, 172.1936

47.8955, 49.5699,
60.0880

175.4933,
182.6822, 213.3149

33.9551, 35.0718,
43.0638

215.1495,
224.1197, 260.5112

23.0218, 23.7182,
29.6034

260.3703,
271.3925, 314.2012

14.7304, 15.1247,
19.2883

311.5212,
324.8850, 374.8032

8.7155, 8.9069,
11.6999

368.9674,

4.6117, 4.6805,

384.9816, 442.7359

6.4196

433.0745,
452.0667, 518.4178

■ 2.0537, 2.0611,
3.0290

■ 0.6638, 0.6426,
1.1094

■ 86.2595, 89.5373,
106.5020

■ 86.2595, 89.5373,
106.5020

■ 71.1001, 71.2734,
103.7771

94.8897, 99.9359,
108.0556

■ 58.1054, 55.6167,
101.4399

■ 47.1792, 42.4519,
99.4747

■ 38.2147, 31.6505,
97.8623

■ 31.0959, 23.0726,
96.5818

■ 25.6944, 16.5635,
95.6101

■ 21.8652, 11.9489,
94.9212

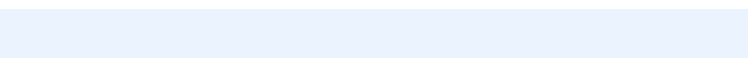
■ 19.4400, 9.0258,
94.4848

■ 18.2117, 7.5447,
94.2637

Harmonies

Analogous

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



84.5740, 89.5373, 107.0092



86.2595, 89.5373, 106.5020



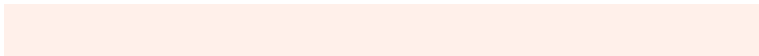
87.6521, 89.5373, 103.5375

Triad

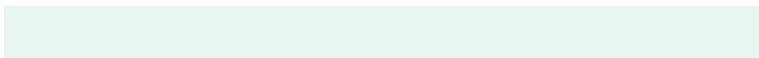
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2595, 89.5373, 106.5020



87.1884, 89.5373, 90.4380



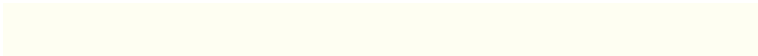
81.9221, 89.5373, 95.9820

Complementary

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



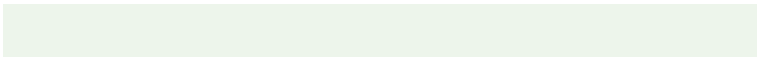
86.2595, 89.5373, 106.5020



92.3421, 98.3643, 98.1252

Split Complementary

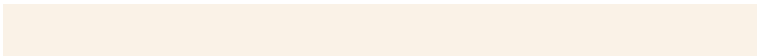
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6028, 89.5373, 91.6844



86.2595, 89.5373, 106.5020



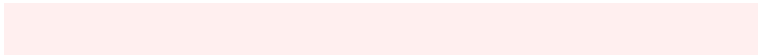
85.6332, 89.5373, 88.5544

Square

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



86.2595, 89.5373, 106.5020



88.1934, 89.5373, 94.2294



83.9559, 89.5373, 89.0030



82.0847, 89.5373, 100.8268

Rectangle

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



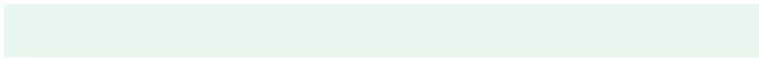
86.2595, 89.5373, 106.5020



88.2198, 89.5373, 100.6193



83.9559, 89.5373, 89.0030



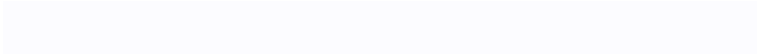
82.0595, 89.5373, 94.4280

Sweetspot

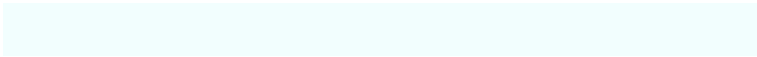
The Sweet Spot groups the original color and five complimentary colors.



86.2621, 89.5411, 106.5040



93.3102, 97.9039, 108.5871



89.9186, 96.9053, 107.5648



19.9906, 20.9775, 23.2454



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.



86.2621, 89.5411, 106.5040



84.9567, 87.8393, 107.0847



88.2835, 90.5815, 106.5982



17.9597, 18.5307, 22.8802



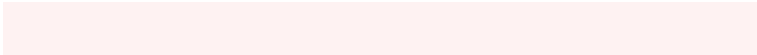
9.4322, 3.7739, 49.6659



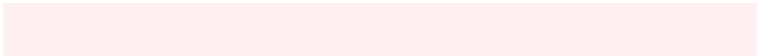
0.9185, 0.3678, 4.8358

Inverse Universe

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



88.6542, 90.9877, 96.8987



87.9962, 89.6774, 94.8800



90.2526, 97.2889, 98.0277



18.6779, 18.9650, 19.9963



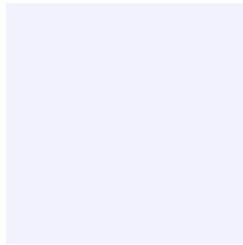
21.5491, 11.1089, 1.0102



2.0982, 1.0817, 0.0988

Previews

White Background



This preview shows how the XYZ color 86.2595, 89.5373, 106.5020 looks on a white background.

Color Contrast Check

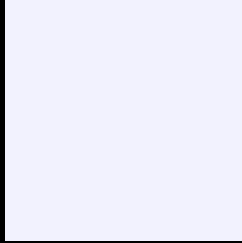
Large Text (above 18pt) WCAG AA × Fail

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 86.2595, 89.5373, 106.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

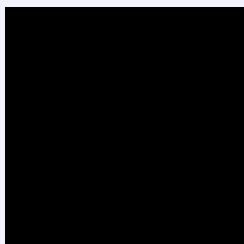
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2595, 89.5373, 106.5020

Background



This preview shows how black text looks on a background with the XYZ color 86.2595, 89.5373, 106.5020.



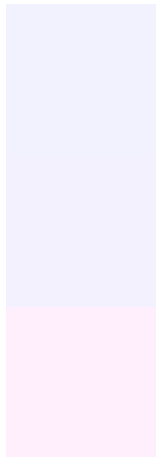
This preview shows how white text looks on a background with the XYZ color 86.2595, 89.5373,

106.5020.

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

86.2595, 89.5373, 106.5020

Protanopia

86.6529, 89.2994, 106.4353

Deuteranopia

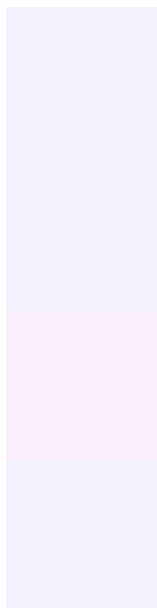
89.2271, 89.3741, 103.8149



Tritanopia

86.7643, 89.7789, 107.3638

Trichromacy



Original Color

86.2595, 89.5373, 106.5020

Protanomaly

86.3068, 89.1210, 106.4192

Deuteranomaly

87.8615, 89.0853, 104.6598

Tritanomaly

86.7643, 89.7789, 107.3638

Monochromacy



Original Color

86.2595, 89.5373, 106.5020

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.8012, 89.8713, 100.8204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2595, 89.5373, 106.5020 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, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(242, 242, 254)  
}
```

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, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 242, 254) }
```

Border

The CSS property to change the border of an element to XYZ 86.2595, 89.5373, 106.5020 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, 242, 254) }
```


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

```
.border{ border-color:rgb(242, 242, 254) }
```

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

Here you see how a box with a 4 pixel rgb(242, 242, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 242, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 242, 254);  
box-shadow:4px 4px 4px 4px rgb(242, 242,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2595, 89.5373, 106.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 242, 254) }
```

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

```
.background{ background-color: rgb(242,  
242, 254) }
```

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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