

Converting Colors

XYZ(86.3262, 90.2335,
106.5874)

Have a look what the booklet for
XYZ(86.3262, 90.2335, 106.5874)
contains.

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Color

**XYZ(86.2156, 89.9577,
106.5855)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F3FE
RGB	241, 243, 254
RGB Percent	95%, 95%, 100%
CMY	0.0549, 0.0470, 0.0039
CMYK	0.05, 0.04, 0.00, 0.00
HSL	231°, 87%, 97%
HSV	231°, 5%, 100%
XYZ	86.2156, 89.9577, 106.5855
YIQ	243.6560, -4.7230, 2.9970

Conversions

Conversions Part 2

Format	Color
R _Y B	241, 243, 254
Decimal	15856638
CIE Lab	95.98, 1.34, -5.52
CIE LCh	96, 5.676, 283.644
Yxy	89.9577, 0.3049, 0.3181
Android (android.graphics.Color)	4294046718 (0xFFFF1F3FE)
YUV	243.6560, 5.0996, -2.3293
Hunter-Lab	94.8460, -3.7230, -0.2363

Details

The XYZ color **86.2156, 89.9577, 106.5855** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.5609, 97.0416, 97.1257**, and the grayscale version is **85.6797, 90.1417, 98.1643**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.8560, 49.8862, 59.9300** is the 20% darker color. If you saturate the color by 10%, you get **72.0852, 73.6825, 104.1902**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0557**.

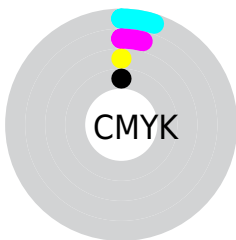
Distribution



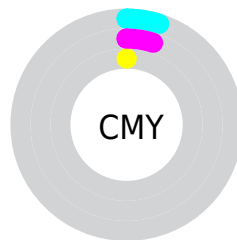
- Red (95%)
- Green (95%)
- Blue (100%)



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



- Cyan (5%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.2156, 89.9577, 106.5855 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 86.2156, 89.9577, 106.5855 by changing the saturation by 10% instead.

86.2156, 89.9577,
106.5855

86.2156, 89.9577,
106.5855

504.0651,
527.8932, 602.5324

65.1721, 67.9456,
81.1642

140.9756,
147.2796, 172.3086

47.8659, 49.8534,
60.1451

175.4228,
183.3582, 213.4476

33.9315, 35.2970,
43.1095

215.0687,
224.8944, 260.6628

23.0036, 23.8917,
29.6390

260.2786,
272.2726, 314.3729

14.7169, 15.2533,
19.3150

311.4178,
325.8772, 374.9964

8.7060, 8.9974,
11.7190

368.8518,

4.6055, 4.7395,

386.0926, 442.9517

6.4324

432.9457,
453.3031, 518.6576

■ 2.0500, 2.0952,
3.0368

■ 0.6618, 0.6619,
1.1134

■ 86.2156, 89.9577,
106.5855

■ 86.2156, 89.9577,
106.5855

■ 72.0852, 73.6825,
104.1902

94.8897, 99.9359,
108.0557

■ 59.8378, 59.4541,
102.0893

■ 49.3956, 47.1943,
100.2733

■ 40.6723, 36.8156,
98.7298

■ 33.5744, 28.2238,
97.4455

■ 27.9994, 21.3163,
96.4061

■ 23.8327, 15.9798,
95.5956

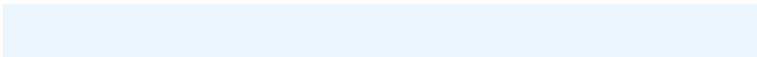
■ 20.9429, 12.0866,
94.9965

■ 19.1722, 9.4876,
94.5881

Harmonies

Analogous

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



84.6555, 89.9577, 106.4736



86.2156, 89.9577, 106.5855



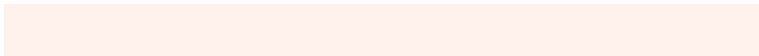
87.6008, 89.9577, 104.3338

Triad

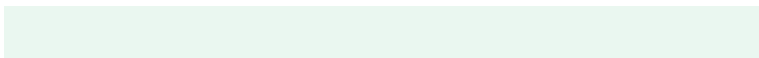
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.2156, 89.9577, 106.5855



87.7035, 89.9577, 92.1067



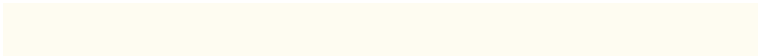
82.6404, 89.9577, 95.5361

Complementary

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



86.2156, 89.9577, 106.5855



91.5609, 97.0416, 97.1257

Split Complementary

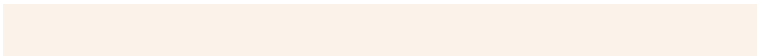
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4371, 89.9577, 91.8295



86.2156, 89.9577, 106.5855



86.3543, 89.9577, 89.8913

Square

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



86.2156, 89.9577, 106.5855



88.4669, 89.9577, 95.9250



84.7925, 89.9577, 89.7914



82.6043, 89.9577, 100.0006

Rectangle

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



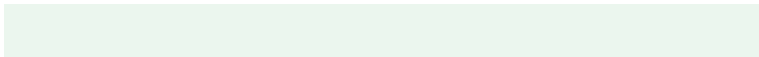
86.2156, 89.9577, 106.5855



88.2335, 89.9577, 101.8339



84.7925, 89.9577, 89.7914



82.8277, 89.9577, 94.1635

Sweetspot

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



86.2182, 89.9615, 106.5875



91.8377, 96.3239, 108.3598



89.2632, 96.6036, 105.9002



19.6907, 20.6558, 23.1991



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.



86.2182, 89.9615, 106.5875



85.6529, 89.2318, 107.3168



87.1187, 89.5404, 106.4587



18.1235, 18.8584, 22.9348



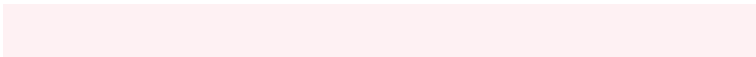
9.8827, 4.6750, 49.8161



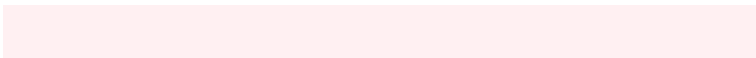
1.0250, 0.5806, 4.8713

Inverse Universe

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



88.5080, 90.4542, 97.5930



88.3476, 89.8180, 96.7305



90.6254, 97.4985, 97.2631



18.7606, 18.9981, 20.4318



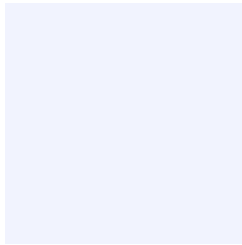
21.7765, 11.1999, 2.2078



2.1520, 1.1032, 0.3817

Previews

White Background



This preview shows how the XYZ color 86.2156, 89.9577, 106.5855 looks on a white background.

Color Contrast Check

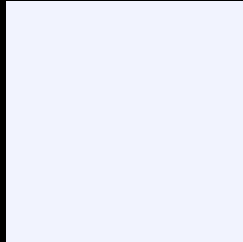
Large Text (above 18pt) WCAG AA × Fail

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 86.2156, 89.9577, 106.5855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

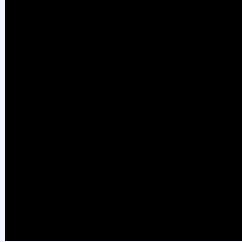
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 86.2156, 89.9577, 106.5855

Background



This preview shows how black text looks on a background with the XYZ color 86.2156, 89.9577, 106.5855.



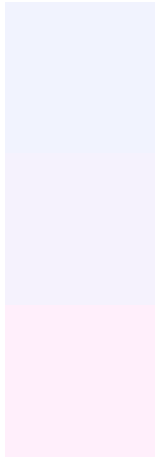
This preview shows how white text looks on a background with the XYZ color 86.2156, 89.9577,

106.5855.

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

86.2156, 89.9577, 106.5855

Protanopia

87.1379, 90.0086, 105.7092

Deuteranopia

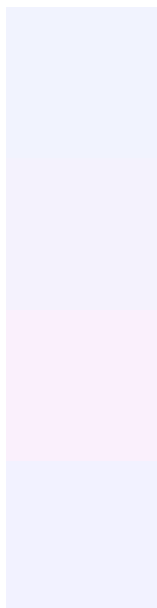
89.5191, 89.9580, 103.9123



Tritanopia

86.7643, 89.7789, 107.3638

Trichromacy



Original Color

86.2156, 89.9577, 106.5855

Protanomaly

86.7900, 89.8292, 105.6930

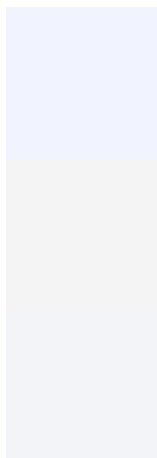
Deuteranomaly

88.1551, 89.6724, 104.7577

Tritanomaly

86.4201, 89.6015, 107.3477

Monochromacy



Original Color

86.2156, 89.9577, 106.5855

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2561, 90.5334, 101.7354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2156, 89.9577, 106.5855 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(241, 243, 254) looks like.

```
.text, #text, p{  
    color:rgb(241, 243, 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(241, 243, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 243, 254) }
```

Border

The CSS property to change the border of an element to XYZ 86.2156, 89.9577, 106.5855 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(241, 243, 254) }
```


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

```
.border{ border-color:rgb(241, 243, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 243, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 243, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 243, 254);  
box-shadow:4px 4px 4px 4px rgb(241, 243,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2156, 89.9577, 106.5855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 243, 254) }
```

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

```
.background{ background-color: rgb(241,  
243, 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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