

Converting Colors

XYZ(85.0223, 90.0078,
104.3092)

Have a look what the booklet for
XYZ(85.0223, 90.0078, 104.3092)
contains.

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Color

**XYZ(85.0232, 89.8435,
104.1271)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF4FB
RGB	238, 244, 251
RGB Percent	93%, 96%, 98%
CMY	0.0667, 0.0431, 0.0157
CMYK	0.05, 0.03, 0.00, 0.02
HSL	212°, 62%, 96%
HSV	212°, 5%, 98%
XYZ	85.0232, 89.8435, 104.1271
YIQ	243.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

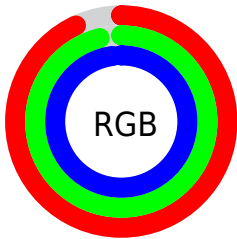
Format	Color
R _Y B	238, 242, 251
Decimal	15660283
CIE Lab	95.93, -0.70, -4.06
CIE LCh	96, 4.118, 260.235
Yxy	89.8435, 0.3047, 0.3220
Android (android.graphics.Color)	4293850363 (0xFFEEF4FB)
YUV	243.0040, 3.9420, -4.3885
Hunter-Lab	94.7858, -5.7601, 1.2169

Details

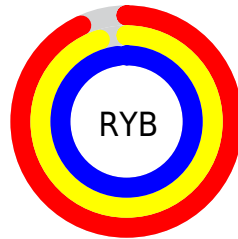
The XYZ color **85.0232, 89.8435, 104.1271** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8691, 91.9865, 94.0145**, and the grayscale version is **85.1698, 89.6052, 97.5801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.1250, 49.8517, 58.7683** is the 20% darker color. If you saturate the color by 10%, you get **73.2603, 77.9672, 102.4561**, and if you desaturate by 10%, it is **94.4128, 99.7451, 105.5448**.

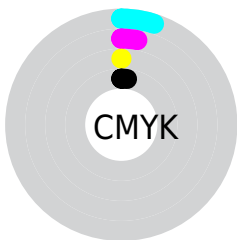
Distribution



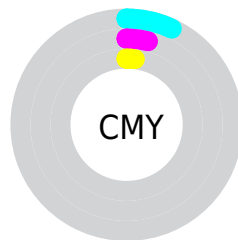
- Red (93%)
- Green (96%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0232, 89.8435, 104.1271 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 85.0232, 89.8435, 104.1271 by changing the saturation by 10% instead.

85.0232, 89.8435,
104.1271

85.0232, 89.8435,
104.1271

500.1873,
527.5216, 594.7044

64.1831, 67.8509,
79.1157

139.3194,
147.1210, 168.9185

47.0612, 49.7764,
58.4690

173.5063,
183.1746, 209.5355

33.2922, 35.2358,
41.7687

212.8728,
224.6840, 256.1914

22.5107, 23.8445,
28.5960

257.7843,
272.0336, 309.3049

14.3513, 15.2183,
18.5324

308.6062,
325.6078, 369.2944

8.4488, 8.9728,
11.1595

365.7037,

4.4376, 4.7234,

385.7909, 436.5784

6.0587

429.4423,
452.9674, 511.5756

■ 1.9526, 2.0859,
2.8115

■ 0.6071, 0.6567,
0.9992

■ 85.0232, 89.8435,
104.1271

■ 85.0232, 89.8435,
104.1271

■ 73.2603, 77.9672,
102.4561

94.4128, 99.7451,
105.5448

■ 62.9129, 67.2511,
100.9330

■ 53.9255, 57.6591,
99.5553

■ 46.2355, 49.1490,
98.3180

■ 39.7751, 41.6753,
97.2159

■ 34.4699, 35.1889,
96.2435

■ 30.2365, 29.6352,
95.3947

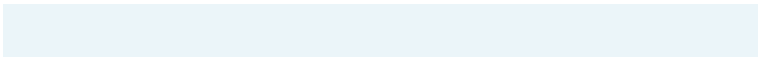
■ 26.9783, 24.9528,
94.6626

■ 24.5782, 21.0686,
94.0394

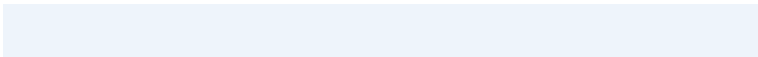
Harmonies

Analogous

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



84.0024, 89.8435, 102.7178



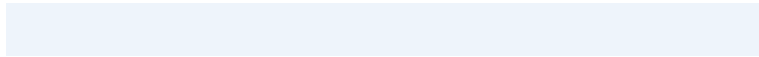
85.0232, 89.8435, 104.1271



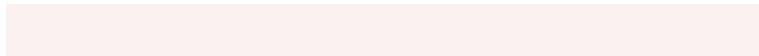
86.1521, 89.8435, 103.8190

Triad

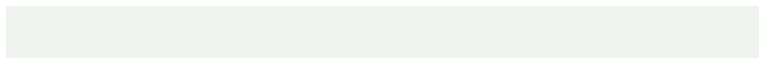
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0232, 89.8435, 104.1271



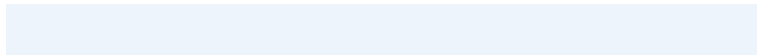
87.4619, 89.8435, 95.6741



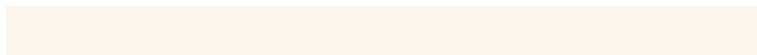
83.7236, 89.8435, 93.8728

Complementary

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



85.0232, 89.8435, 104.1271



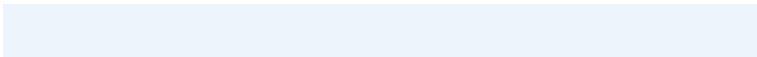
87.8691, 91.9865, 94.0145

Split Complementary

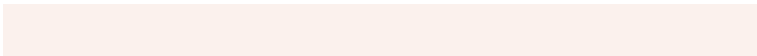
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.6394, 89.8435, 92.0649



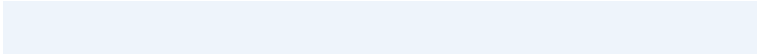
85.0232, 89.8435, 104.1271



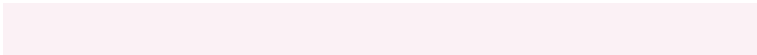
86.8000, 89.8435, 93.0888

Square

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



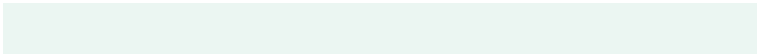
85.0232, 89.8435, 104.1271



87.5668, 89.8435, 98.8903



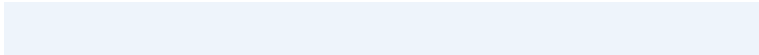
85.7650, 89.8435, 91.7811



83.2565, 89.8435, 96.7659

Rectangle

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



85.0232, 89.8435, 104.1271



86.8139, 89.8435, 102.6836



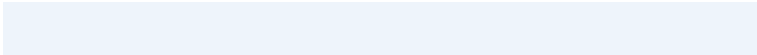
85.7650, 89.8435, 91.7811



83.9888, 89.8435, 93.1207

Sweetspot

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



85.0258, 89.8473, 104.1291



92.3291, 97.3068, 108.5236



86.2298, 93.7615, 99.8873



19.7908, 20.8560, 23.2325



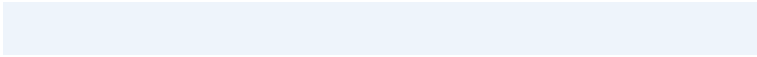
0.0000, 0.0000, 0.0000



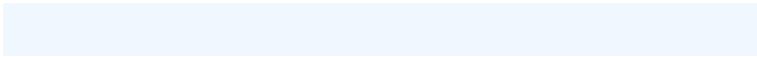
20.3446, 21.4041, 23.3091

Same Dimension

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



85.0258, 89.8473, 104.1291



87.0726, 92.0712, 107.7900



83.3943, 86.3680, 103.5435



17.6737, 18.6978, 22.0628



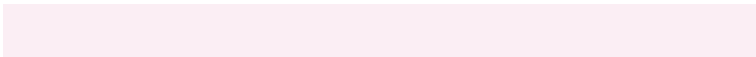
12.5727, 10.5009, 49.3378



1.2692, 1.1821, 4.6045

Inverse Universe

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



86.6894, 88.1918, 98.0460



89.0642, 90.1046, 100.5040



89.5589, 95.5977, 94.6225



18.1239, 18.2559, 20.4152



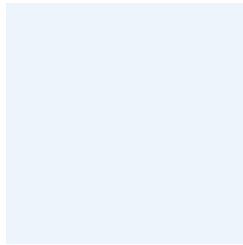
22.6381, 11.4710, 10.0687



2.1496, 1.0836, 1.2110

Previews

White Background



This preview shows how the XYZ color 85.0232, 89.8435, 104.1271 looks on a white background.

Color Contrast Check

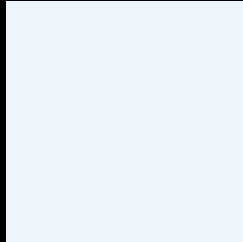
Large Text (above 18pt) WCAG AA × Fail

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 85.0232, 89.8435, 104.1271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

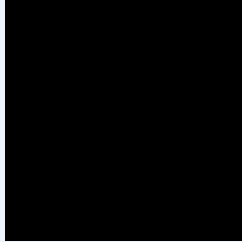
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

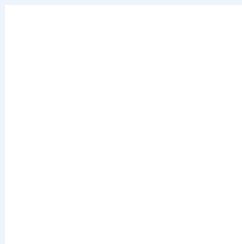
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0232, 89.8435, 104.1271

Background



This preview shows how black text looks on a background with the XYZ color 85.0232, 89.8435, 104.1271.

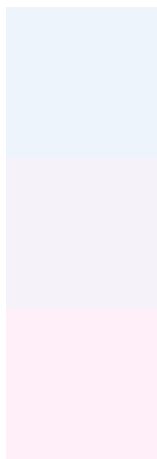


This preview shows how white text looks on a background with the XYZ color 85.0232, 89.8435,

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

85.0232, 89.8435, 104.1271

Protanopia

86.6636, 89.8189, 103.2116

Deuteranopia

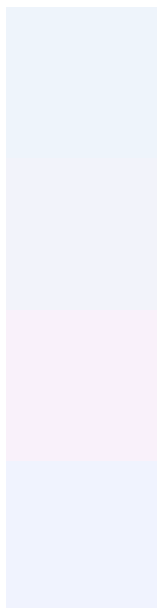
89.2054, 89.8326, 102.2603



Tritanopia

86.3762, 90.0220, 107.4312

Trichromacy



Original Color

85.0232, 89.8435, 104.1271

Protanomaly

85.9239, 89.8806, 103.2625

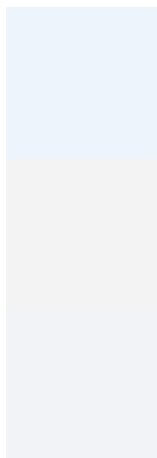
Deuteranomaly

87.7775, 89.9525, 103.1787

Tritanomaly

85.8752, 89.7822, 106.5695

Monochromacy



Original Color

85.0232, 89.8435, 104.1271

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9608, 89.4558, 99.9776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0232, 89.8435, 104.1271 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(238, 244, 251) looks like.

```
.text, #text, p{  
    color:rgb(238, 244, 251)  
}
```

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(238, 244, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 244, 251) }
```

Border

The CSS property to change the border of an element to XYZ 85.0232, 89.8435, 104.1271 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(238, 244, 251) }
```


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

```
.border{ border-color:rgb(238, 244, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 244, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 244, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 244, 251);  
box-shadow:4px 4px 4px 4px rgb(238, 244,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0232, 89.8435, 104.1271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 244, 251) }
```

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

```
.background{ background-color: rgb(238,  
244, 251) }
```

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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