

Converting Colors

XYZ(84.5112, 89.2209,
102.7187)

Have a look what the booklet for
XYZ(84.5112, 89.2209, 102.7187)
contains.

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Color

**XYZ(84.4094, 89.1179,
102.3752)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF3F9
RGB	238, 243, 249
RGB Percent	93%, 95%, 98%
CMY	0.0667, 0.0470, 0.0235
CMYK	0.04, 0.02, 0.00, 0.02
HSL	213°, 48%, 95%
HSV	213°, 4%, 98%
XYZ	84.4094, 89.1179, 102.3752
YIQ	242.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

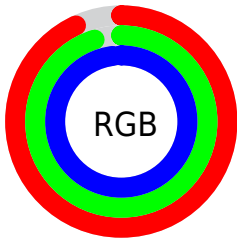
Format	Color
R _Y B	238, 241, 249
Decimal	15660025
CIE Lab	95.63, -0.56, -3.47
CIE LCh	96, 3.513, 260.856
Yxy	89.1179, 0.3059, 0.3230
Android (android.graphics.Color)	4293850105 (0xFFEEF3F9)
YUV	242.1890, 3.3578, -3.6738
Hunter-Lab	94.4023, -5.5990, 1.7841

Details

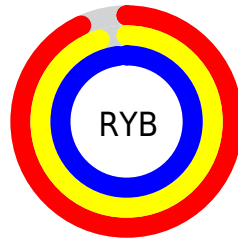
The XYZ color **84.4094, 89.1179, 102.3752** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.8505, 91.0133, 93.8802**, and the grayscale version is **84.5270, 88.9289, 96.8436**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6874, 49.3360, 57.5142** is the 20% darker color. If you saturate the color by 10%, you get **72.7084, 77.2792, 100.7082**, and if you desaturate by 10%, it is **94.0992, 99.6197, 103.8929**.

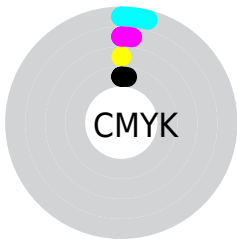
Distribution



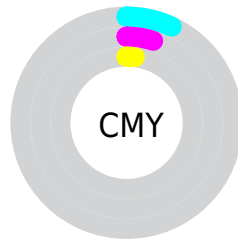
- Red (93%)
- Green (95%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4094, 89.1179, 102.3752 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 84.4094, 89.1179, 102.3752 by changing the saturation by 10% instead.

84.4094, 89.1179,
102.3752

84.4094, 89.1179,
102.3752

498.1849,
525.1572, 589.0928

63.6743, 67.2493,
77.6577

138.4660,
146.1125, 166.4977

46.6477, 49.2872,
57.2781

172.5183,
182.0073, 206.7398

32.9640, 34.8474,
40.8177

211.7404,
223.3462, 252.9939

22.2580, 23.5453,
27.8580

256.4976,
270.5137, 305.6785

14.1642, 14.9967,
17.9806

307.1553,
323.8942, 365.2122

8.3174, 8.8171,
10.7667

364.0788,

4.3522, 4.6221,

383.8720, 432.0134

5.7980

427.6336,
450.8315, 506.5008

■ 1.9033, 2.0273,
2.6559

■ 0.5787, 0.6232,
0.9211

■ 84.4094, 89.1179,
102.3752

■ 84.4094, 89.1179,
102.3752

■ 72.7084, 77.2792,
100.7082

■ 94.0992, 99.6197,
103.8929

■ 62.4077, 66.5963,
99.1891

■ 53.4529, 57.0334,
97.8152

■ 45.7828, 48.5490,
96.5818

■ 39.3310, 41.0980,
95.4837

■ 34.0248, 34.6319,
94.5153

■ 29.7829, 29.0973,
93.6705

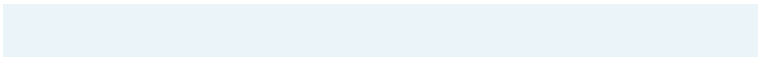
■ 26.5116, 24.4336,
92.9428

■ 24.0975, 20.5697,
92.3242

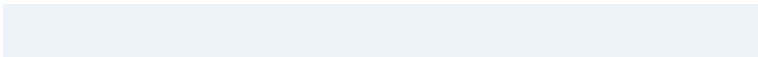
Harmonies

Analogous

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



83.5381, 89.1179, 101.2137



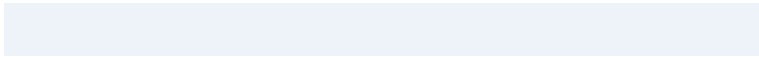
84.4094, 89.1179, 102.3752



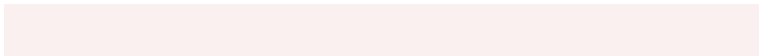
85.3661, 89.1179, 102.0846

Triad

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



84.4094, 89.1179, 102.3752



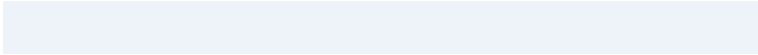
86.4495, 89.1179, 95.1548



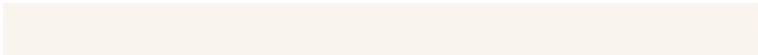
83.2731, 89.1179, 93.7186

Complementary

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



84.4094, 89.1179, 102.3752



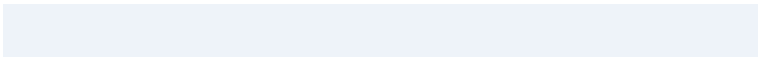
86.8505, 91.0133, 93.8802

Split Complementary

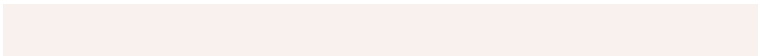
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0451, 89.1179, 92.1532



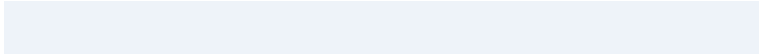
84.4094, 89.1179, 102.3752



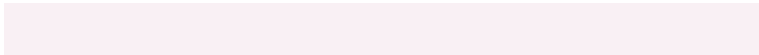
85.8805, 89.1179, 92.9714

Square

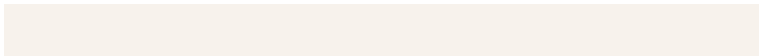
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



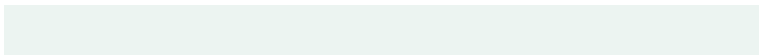
84.4094, 89.1179, 102.3752



86.5488, 89.1179, 97.8811



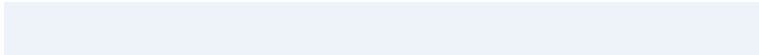
84.9991, 89.1179, 91.8824



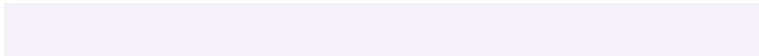
82.8854, 89.1179, 96.1923

Rectangle

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



84.4094, 89.1179, 102.3752



85.9233, 89.1179, 101.1088



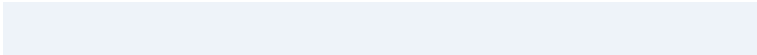
84.9991, 89.1179, 91.8824



83.4960, 89.1179, 93.0707

Sweetspot

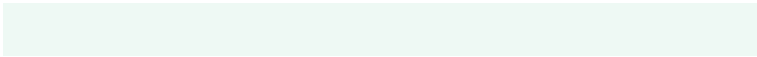
The Sweet Spot groups the original color and five complimentary colors.



84.4120, 89.1217, 102.3772



93.6762, 98.6359, 108.7091



85.4459, 92.4536, 98.8251



20.0651, 21.1265, 23.2702



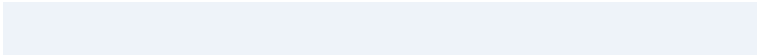
0.0000, 0.0000, 0.0000



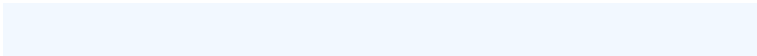
20.3446, 21.4041, 23.3091

Same Dimension

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



84.4120, 89.1217, 102.3772



88.3366, 93.3070, 107.9620



83.0580, 86.2308, 101.8905



17.9164, 18.9343, 22.0957



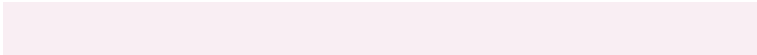
12.4677, 10.2909, 49.3028



1.2592, 1.1620, 4.6011

Inverse Universe

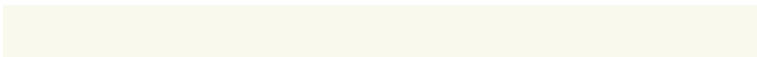
The Inverse Universe completely reimagines the original color for something new.



85.8211, 87.7616, 97.2149



90.0176, 91.6936, 101.8017



88.2461, 93.9983, 94.3828



18.3072, 18.5617, 20.6631



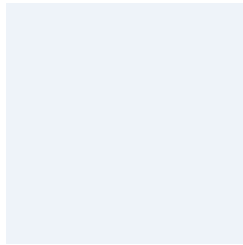
22.5851, 11.4498, 9.7897



2.1445, 1.0815, 1.1843

Previews

White Background



This preview shows how the XYZ color 84.4094, 89.1179, 102.3752 looks on a white background.

Color Contrast Check

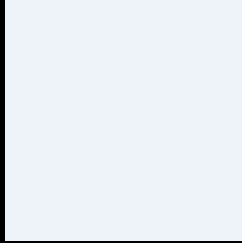
Large Text (above 18pt) WCAG AA × Fail

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 84.4094, 89.1179, 102.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

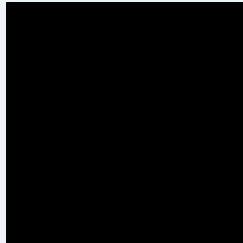
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

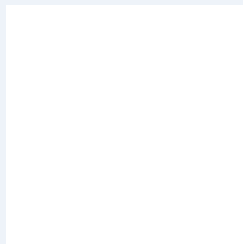
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4094, 89.1179, 102.3752

Background



This preview shows how black text looks on a background with the XYZ color 84.4094, 89.1179, 102.3752.



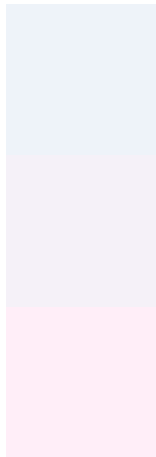
This preview shows how white text looks on a background with the XYZ color 84.4094, 89.1179,

102.3752.

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

84.4094, 89.1179, 102.3752

Protanopia

86.0548, 89.1004, 101.4695

Deuteranopia

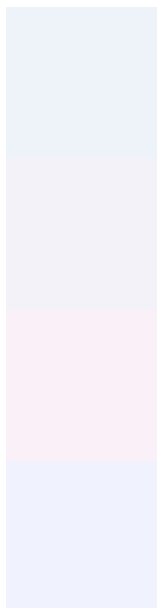
88.7578, 89.1864, 101.3436



Tritanopia

86.0778, 89.4250, 107.3317

Trichromacy



Original Color

84.4094, 89.1179, 102.3752

Protanomaly

85.3134, 89.1588, 101.5198

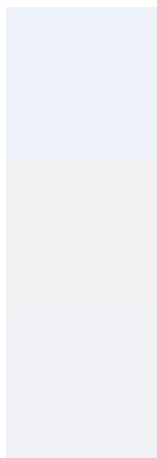
Deuteranomaly

87.1703, 89.2372, 101.4371

Tritanomaly

85.4169, 89.1214, 105.6287

Monochromacy



Original Color

84.4094, 89.1179, 102.3752

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.5092, 88.7976, 99.0717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4094, 89.1179, 102.3752 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, 243, 249) looks like.

```
.text, #text, p{  
    color:rgb(238, 243, 249)  
}
```

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, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 243, 249) }
```

Border

The CSS property to change the border of an element to XYZ 84.4094, 89.1179, 102.3752 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, 243, 249) }
```


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

```
.border{ border-color:rgb(238, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 243,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 84.4094, 89.1179, 102.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 243, 249) }
```

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

```
.background{ background-color: rgb(238,  
243, 249) }
```

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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