

Converting Colors

XYZ(83.9958, 89.6016, 96.2538)

Have a look what the booklet for
XYZ(83.9958, 89.6016, 96.2538)
contains.

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Color

**XYZ(83.8245, 89.4030,
96.0576)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF4F1
RGB	239, 244, 241
RGB Percent	94%, 96%, 95%
CMY	0.0627, 0.0431, 0.0549
CMYK	0.02, 0.00, 0.01, 0.04
HSL	144°, 19%, 95%
HSV	144°, 2%, 96%
XYZ	83.8245, 89.4030, 96.0576
YIQ	242.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

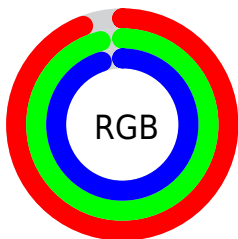
Format	Color
R _Y B	239, 243, 244
Decimal	15725809
CIE Lab	95.75, -2.18, 0.85
CIE LCh	96, 2.344, 158.663
Yxy	89.4030, 0.3113, 0.3320
Android (android.graphics.Color)	4293915889 (0xFFEFF4F1)
YUV	242.1630, -0.5734, -2.7740
Hunter-Lab	94.5532, -7.2219, 5.9538

Details

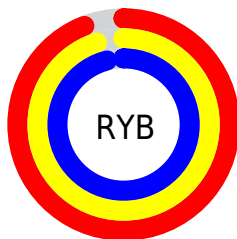
The XYZ color **83.8245, 89.4030, 96.0576** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.2051, 87.3792, 96.4367**, and the grayscale version is **84.5349, 88.9373, 96.8527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2686, 49.5365, 53.0218** is the 20% darker color. If you saturate the color by 10%, you get **74.0358, 84.6020, 84.6341**, and if you desaturate by 10%, it is **91.6424, 93.1848, 107.7641**.

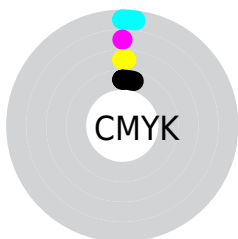
Distribution



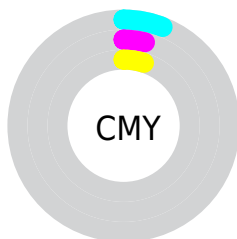
- Red (94%)
- Green (96%)
- Blue (95%)



- Red (94%)
- Yellow (95%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (6%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.8245, 89.4030, 96.0576 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 83.8245, 89.4030, 96.0576 by changing the saturation by 10% instead.

83.8245, 89.4030,
96.0576

83.8245, 89.4030,
96.0576

496.2727,
526.0869, 568.6159

63.1898, 67.4856,
72.4138

137.6522,
146.5089, 157.7330

46.2540, 49.4794,
53.0079

171.5758,
182.4661, 196.6017

32.6518, 34.9999,
37.4213

210.6599,
223.8721, 241.3825

22.0178, 23.6628,
25.2355

255.2696,
271.1112, 292.4938

13.9866, 15.0837,
16.0320

305.7704,
324.5679, 350.3543

8.1930, 8.8781,
9.3922

362.5276,

4.2715, 4.6618,

384.6264, 415.3824

4.8976

425.9066,
451.6713, 487.9968

■ 1.8569, 2.0502,
2.1296

■ 0.5516, 0.6364,
0.6333

■ 83.8245, 89.4030,
96.0576

■ 83.8245, 89.4030,
96.0576

■ 74.0358, 84.6020,
84.6341

■ 91.6424, 93.1848,
107.7641

■ 65.4844, 80.4165,
74.1637

■ 58.1211, 76.8241,
64.6236

■ 51.8909, 73.7970,
55.9880

■ 46.7342, 71.3050,
48.2300

■ 42.5853, 69.3148,
41.3213

■ 39.3715, 67.7894,
35.2320

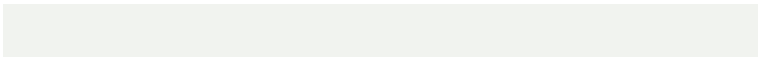
■ 37.0091, 66.6865,
29.9300

■ 35.3983, 65.9551,
25.3813

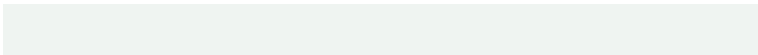
Harmonies

Analogous

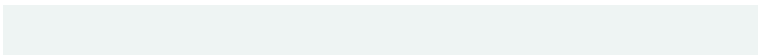
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2021, 89.4030, 94.5966



83.8245, 89.4030, 96.0576



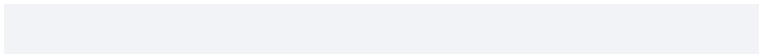
83.7543, 89.4030, 97.8808

Triad

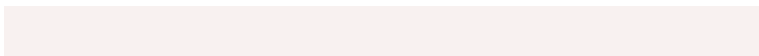
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8245, 89.4030, 96.0576



85.1619, 89.4030, 100.8996



85.9473, 89.4030, 95.1417

Complementary

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



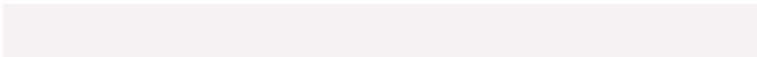
83.8245, 89.4030, 96.0576



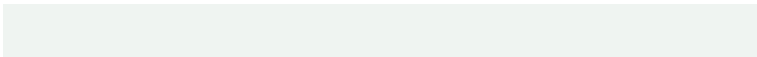
84.2051, 87.3792, 96.4367

Split Complementary

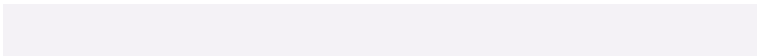
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.2073, 89.4030, 96.8105



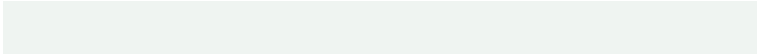
83.8245, 89.4030, 96.0576



85.7523, 89.4030, 100.1455

Square

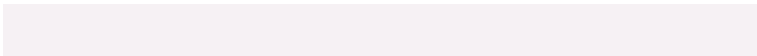
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



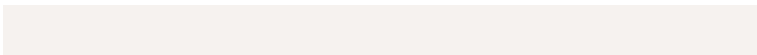
83.8245, 89.4030, 96.0576



84.5243, 89.4030, 100.6919



86.1357, 89.4030, 98.6432



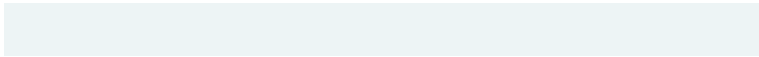
85.4271, 89.4030, 94.0725

Rectangle

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



83.8245, 89.4030, 96.0576



83.8909, 89.4030, 99.0589



86.1357, 89.4030, 98.6432



86.0681, 89.4030, 95.6503

Sweetspot

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



83.8270, 89.4068, 96.0596



93.8725, 99.4214, 107.5635



84.5807, 89.8297, 94.5436



20.1050, 21.2864, 23.0371



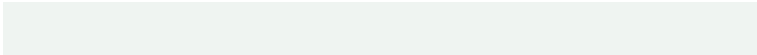
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

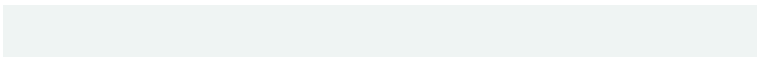
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.8270, 89.4068, 96.0596



92.7094, 98.8499, 106.2379



84.1911, 89.5524, 97.9765



18.1947, 19.3859, 20.8497



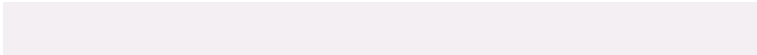
18.8402, 35.6809, 12.4441



1.7052, 3.1557, 1.3533

Inverse Universe

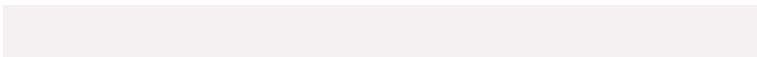
The Inverse Universe completely reimagines the original color for something new.



84.2051, 87.3792, 96.4367



93.1180, 96.6585, 106.6455



83.8439, 87.2348, 94.5345



18.2706, 18.9791, 20.9254



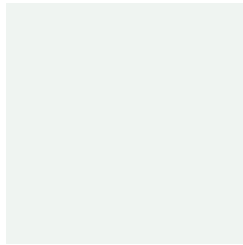
23.1967, 11.6221, 16.2762



2.0894, 1.0417, 1.6973

Previews

White Background



This preview shows how the XYZ color 83.8245, 89.4030, 96.0576 looks on a white background.

Color Contrast Check

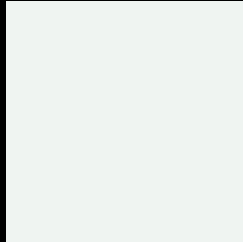
Large Text (above 18pt) WCAG AA × Fail

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 83.8245, 89.4030, 96.0576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

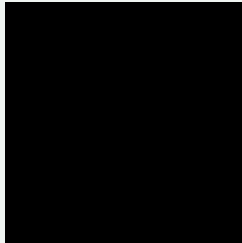
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

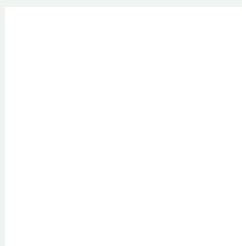
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8245, 89.4030, 96.0576

Background



This preview shows how black text looks on a background with the XYZ color 83.8245, 89.4030, 96.0576.



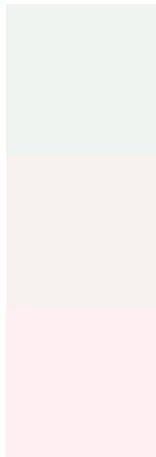
This preview shows how white text looks on a background with the XYZ color 83.8245, 89.4030,

96.0576.

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

83.8245, 89.4030, 96.0576

Protanopia

85.5412, 88.9760, 95.1037

Deuteranopia

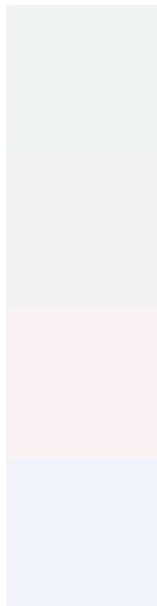
88.2842, 89.4641, 97.4092



Tritanopia

86.4201, 89.6015, 107.3477

Trichromacy



Original Color

83.8245, 89.4030, 96.0576

Protanomaly

84.7885, 89.0286, 95.1535

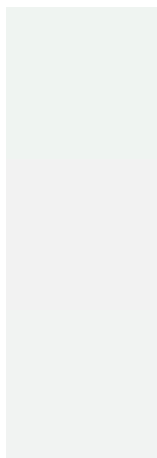
Deuteranomaly

86.5492, 89.4611, 96.7105

Tritanomaly

85.5815, 89.7041, 103.2465

Monochromacy



Original Color

83.8245, 89.4030, 96.0576

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3532, 89.2128, 96.7783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8245, 89.4030, 96.0576 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(239, 244, 241) looks like.

```
.text, #text, p{  
    color:rgb(239, 244, 241)  
}
```

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(239, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 244, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.8245, 89.4030, 96.0576 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(239, 244, 241) }
```


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

```
.border{ border-color:rgb(239, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 244,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 83.8245, 89.4030, 96.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 244, 241) }
```

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

```
.background{ background-color: rgb(239,  
244, 241) }
```

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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