

Converting Colors

XYZ(83.6405, 89.7732, 95.3577)

Have a look what the booklet for
XYZ(83.6405, 89.7732, 95.3577)
contains.

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Color

**XYZ(83.6405, 89.7732,
95.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF5F0
RGB	238, 245, 240
RGB Percent	93%, 96%, 94%
CMY	0.0667, 0.0392, 0.0588
CMYK	0.03, 0.00, 0.02, 0.04
HSL	137°, 26%, 95%
HSV	137°, 3%, 96%
XYZ	83.6405, 89.7732, 95.3577
YIQ	242.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

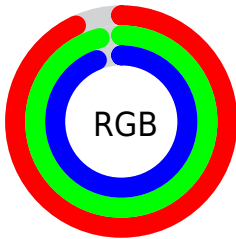
Format	Color
R _Y B	238, 243, 245
Decimal	15660528
CIE Lab	95.90, -3.20, 1.59
CIE LCh	96, 3.570, 153.632
Yxy	89.7732, 0.3112, 0.3340
Android (android.graphics.Color)	4293850608 (0xFFEEF5F0)
YUV	242.3370, -1.1521, -3.8035
Hunter-Lab	94.7487, -8.2374, 6.6530

Details

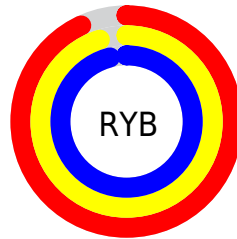
The XYZ color **83.6405, 89.7732, 95.3577** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.4117, 87.0350, 97.1490**, and the grayscale version is **84.6775, 89.0873, 97.0161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.1407, 49.8010, 52.5281** is the 20% darker color. If you saturate the color by 10%, you get **73.4919, 84.8301, 81.9576**, and if you desaturate by 10%, it is **91.9441, 93.7882, 107.8647**.

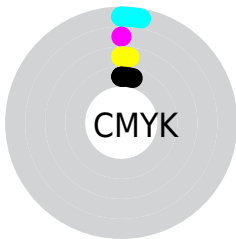
Distribution



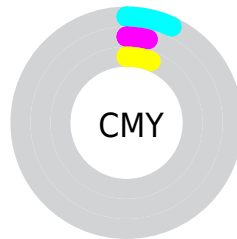
- Red (93%)
- Green (96%)
- Blue (94%)



- Red (93%)
- Yellow (95%)
- Blue (96%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (7%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.6405, 89.7732, 95.3577 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 83.6405, 89.7732, 95.3577 by changing the saturation by 10% instead.

83.6405, 89.7732,
95.3577

83.6405, 89.7732,
95.3577

495.6704,
527.2928, 566.3230

63.0374, 67.7926,
71.8342

137.3960,
147.0233, 156.7585

46.1302, 49.7290,
52.5372

171.2792,
183.0616, 195.4729

32.5536, 35.1981,
37.0483

210.3197,
224.5545, 240.0880

21.9423, 23.8155,
24.9488

254.8829,
271.8865, 291.0224

13.9309, 15.1968,
15.8202

305.3343,
325.4419, 348.6945

8.1540, 8.9576,
9.2441

362.0390,

4.2463, 4.7136,

385.6052, 413.5230

4.8017

425.3626,
452.7607, 485.9263

■ 1.8424, 2.0802,
2.0747

■ 0.5430, 0.6535,
0.6007

■ 83.6405, 89.7732,
95.3577

■ 83.6405, 89.7732,
95.3577

■ 73.4919, 84.8301,
81.9576

■ 91.9441, 93.7882,
107.8647

■ 64.6591, 80.5346,
69.8900

■ 57.0894, 76.8629,
59.1155

■ 50.7234, 73.7853,
49.5909

■ 45.4970, 71.2697,
41.2707

■ 41.3398, 69.2809,
34.1063

■ 38.1732, 67.7793,
28.0460

■ 35.9075, 66.7199,
23.0338

■ 34.4349, 66.0483,
19.0089

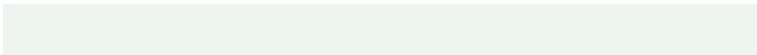
Harmonies

Analogous

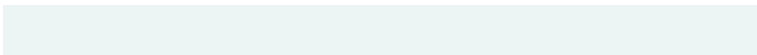
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2817, 89.7732, 93.2993



83.6405, 89.7732, 95.3577



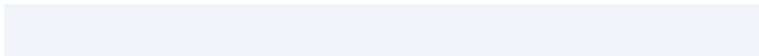
83.4499, 89.7732, 98.0919

Triad

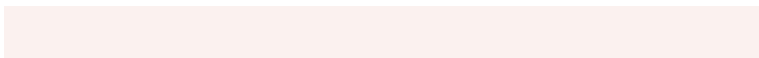
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6405, 89.7732, 95.3577



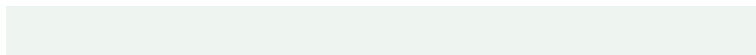
85.4468, 89.7732, 103.2634



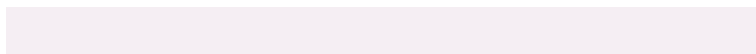
86.9139, 89.7732, 94.7732

Complementary

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



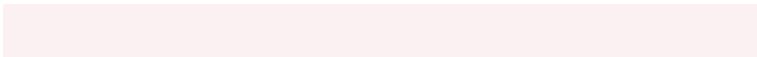
83.6405, 89.7732, 95.3577



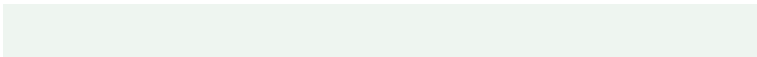
84.4117, 87.0350, 97.1490

Split Complementary

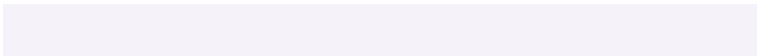
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2315, 89.7732, 97.4044



83.6405, 89.7732, 95.3577



86.3804, 89.7732, 102.3354

Square

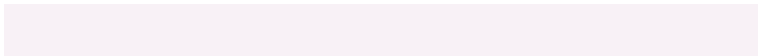
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



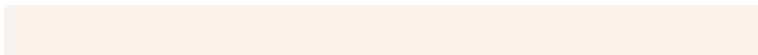
83.6405, 89.7732, 95.3577



84.4881, 89.7732, 102.6902



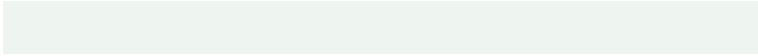
87.0355, 89.7732, 100.1774



86.1709, 89.7732, 92.9665

Rectangle

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



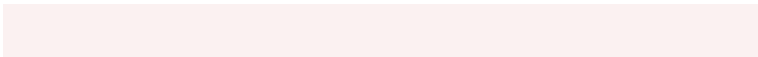
83.6405, 89.7732, 95.3577



83.6028, 89.7732, 99.9390



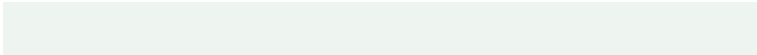
87.0355, 89.7732, 100.1774



87.0742, 89.7732, 95.5888

Sweetspot

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



83.6430, 89.7770, 95.3597



93.8261, 99.4028, 107.3189



85.0565, 90.5398, 93.8833



20.0955, 21.2826, 22.9873



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

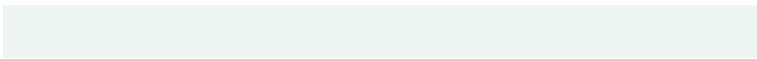
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6430, 89.7770, 95.3597



91.4237, 98.2308, 104.2021



84.1661, 89.9863, 98.1141



17.7367, 19.1640, 20.1861



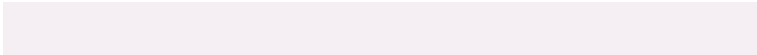
18.2367, 35.4395, 9.2663



1.6452, 3.1318, 1.0378

Inverse Universe

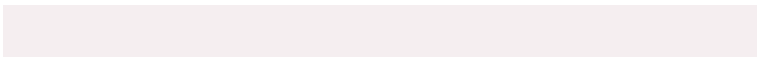
The Inverse Universe completely reimagines the original color for something new.



84.4117, 87.0350, 97.1490



92.3081, 95.0759, 106.2608



83.8900, 86.8263, 94.4018



17.9543, 18.3877, 20.6927



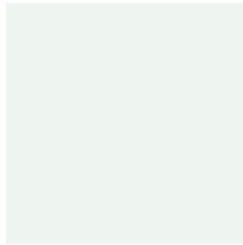
24.5194, 12.1512, 23.2414



2.1991, 1.0856, 2.2750

Previews

White Background



This preview shows how the XYZ color 83.6405, 89.7732, 95.3577 looks on a white background.

Color Contrast Check

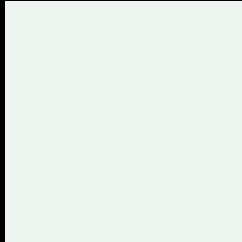
Large Text (above 18pt) WCAG AA × Fail

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 83.6405, 89.7732, 95.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

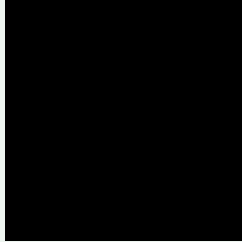
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

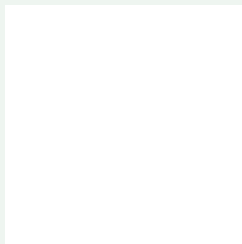
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.6405, 89.7732, 95.3577

Background



This preview shows how black text looks on a background with the XYZ color 83.6405, 89.7732, 95.3577.



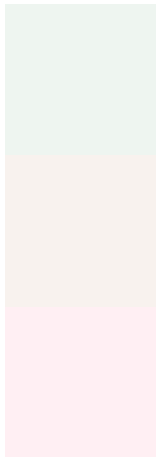
This preview shows how white text looks on a background with the XYZ color 83.6405, 89.7732,

95.3577.

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

83.6405, 89.7732, 95.3577

Protanopia

85.8961, 89.6338, 93.6628

Deuteranopia

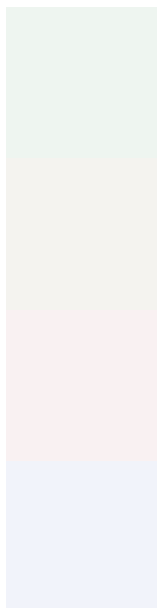
88.2842, 89.4641, 97.4092



Tritanopia

86.4201, 89.6015, 107.3477

Trichromacy



Original Color

83.6405, 89.7732, 95.3577

Protanomaly

84.9388, 89.5663, 94.4726

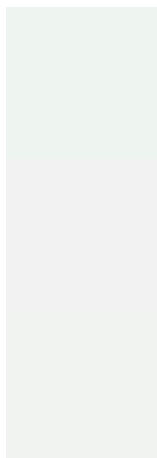
Deuteranomaly

86.5492, 89.4611, 96.7105

Tritanomaly

85.5815, 89.7041, 103.2465

Monochromacy



Original Color

83.6405, 89.7732, 95.3577

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2034, 89.1528, 95.9893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6405, 89.7732, 95.3577 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, 245, 240) looks like.

```
.text, #text, p{  
    color:rgb(238, 245, 240)  
}
```

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, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 245, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.6405, 89.7732, 95.3577 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, 245, 240) }
```


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

```
.border{ border-color:rgb(238, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 245,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6405, 89.7732, 95.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 245, 240) }
```

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

```
.background{ background-color: rgb(238,  
245, 240) }
```

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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