

Converting Colors

XYZ(84.0526, 89.9501, 95.2497)

Have a look what the booklet for
XYZ(84.0526, 89.9501, 95.2497)
contains.

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Color

**XYZ(83.9772, 89.9468,
95.3735)**

Conversions

Conversions Part 1

Format	Color
Hex	EFF5F0
RGB	239, 245, 240
RGB Percent	94%, 96%, 94%
CMY	0.0627, 0.0392, 0.0588
CMYK	0.02, 0.00, 0.02, 0.04
HSL	130°, 23%, 95%
HSV	130°, 2%, 96%
XYZ	83.9772, 89.9468, 95.3735
YIQ	242.6360, -1.9710, -2.8270

Conversions

Conversions Part 2

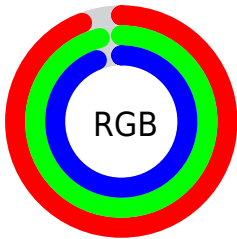
Format	Color
R _Y B	239, 244, 245
Decimal	15726064
CIE Lab	95.97, -2.87, 1.70
CIE LCh	96, 3.333, 149.347
Yxy	89.9468, 0.3118, 0.3340
Android (android.graphics.Color)	4293916144 (0xFFEFF5F0)
YUV	242.6360, -1.2995, -3.1888
Hunter-Lab	94.8403, -7.9160, 6.7649

Details

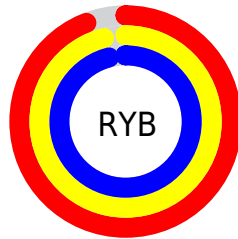
The XYZ color **83.9772, 89.9468, 95.3735** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.8551, 87.6795, 98.0439**, and the grayscale version is **84.9155, 89.3377, 97.2887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3778, 49.9232, 52.5392** is the 20% darker color. If you saturate the color by 10%, you get **73.3952, 84.8251, 79.9251**, and if you desaturate by 10%, it is **91.9441, 93.7883, 107.8647**.

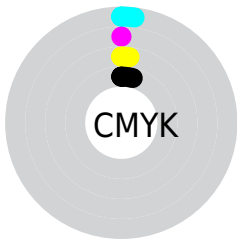
Distribution



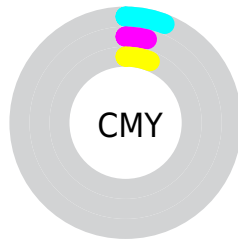
- Red (94%)
- Green (96%)
- Blue (94%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9772, 89.9468, 95.3735 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 83.9772, 89.9468, 95.3735 by changing the saturation by 10% instead.

83.9772, 89.9468,
95.3735

83.9772, 89.9468,
95.3735

496.7723,
527.8578, 566.3749

63.3163, 67.9365,
71.8473

137.8647,
147.2645, 156.7805

46.3567, 49.8461,
52.5479

171.8220,
183.3407, 195.4984

32.7332, 35.2911,
37.0567

210.9421,
224.8743, 240.1172

22.0804, 23.8872,
24.9553

255.5903,
272.2498, 291.0556

14.0329, 15.2500,
15.8250

306.1322,
325.8515, 348.7320

8.2254, 8.9950,
9.2474

362.9329,

4.2925, 4.7379,

386.0638, 413.5650

4.8039

426.3578,
453.2711, 485.9731

■ 1.8689, 2.0943,
2.0759

■ 0.5587, 0.6614,
0.6014

■ 83.9772, 89.9468,
95.3735

■ 83.9772, 89.9468,
95.3735

■ 73.3952, 84.8251,
79.9251

■ 91.9441, 93.7883,
107.8647

■ 64.2172, 80.3866,
66.2637

■ 56.3862, 76.6056,
54.3265

■ 49.8380, 73.4507,
44.0450

■ 44.5036, 70.8878,
35.3458

■ 40.3071, 68.8793,
28.1503

■ 37.1639, 67.3835,
22.3730

■ 34.9774, 66.3526,
17.9198

■ 33.6324, 65.7295,
14.6851

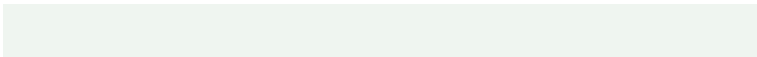
Harmonies

Analogous

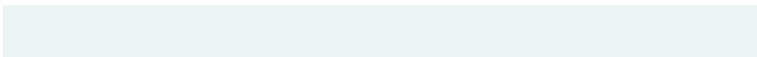
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6267, 89.9468, 93.5818



83.9772, 89.9468, 95.3735



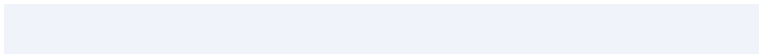
83.7330, 89.9468, 97.8790

Triad

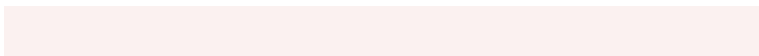
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9772, 89.9468, 95.3735



85.4715, 89.9468, 103.0966



87.0448, 89.9468, 95.4719

Complementary

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



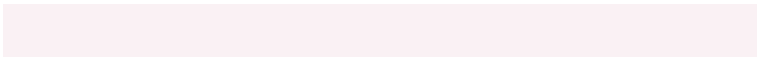
83.9772, 89.9468, 95.3735



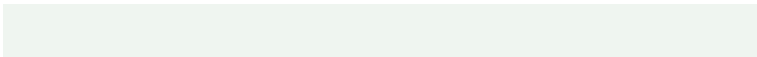
84.8551, 87.6795, 98.0439

Split Complementary

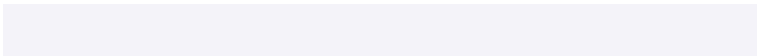
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.2749, 89.9468, 97.9946



83.9772, 89.9468, 95.3735



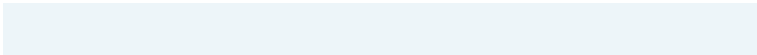
86.3627, 89.9468, 102.4248

Square

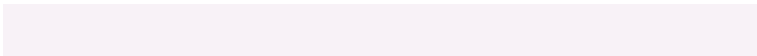
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



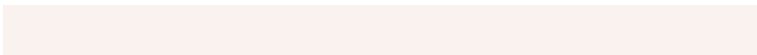
83.9772, 89.9468, 95.3735



84.5920, 89.9468, 102.3653



87.0244, 89.9468, 100.5456



86.3979, 89.9468, 93.6379

Rectangle

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



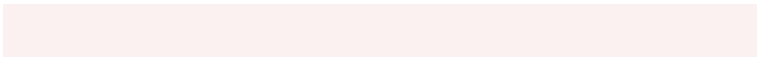
83.9772, 89.9468, 95.3735



83.8316, 89.9468, 99.6267



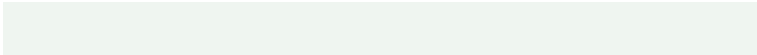
87.0244, 89.9468, 100.5456



87.1737, 89.9468, 96.2660

Sweetspot

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



83.9797, 89.9507, 95.3755



93.7777, 99.3834, 107.0642



85.5791, 90.7923, 94.6768



20.0857, 21.2786, 22.9355



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.



83.9797, 89.9507, 95.3755



91.2817, 98.1740, 103.4540



84.4145, 90.1246, 97.6649



17.7018, 19.1500, 20.0026



17.8380, 35.2800, 7.1664



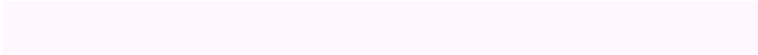
1.5996, 3.1135, 0.7972

Inverse Universe

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



84.8551, 87.6795, 98.0439



92.4534, 95.1340, 107.0257



84.4178, 87.5045, 95.7406



17.9901, 18.4020, 20.8814



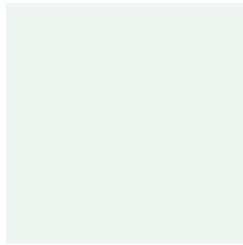
26.2145, 12.8292, 32.1675



2.3348, 1.1399, 2.9895

Previews

White Background



This preview shows how the XYZ color 83.9772, 89.9468, 95.3735 looks on a white background.

Color Contrast Check

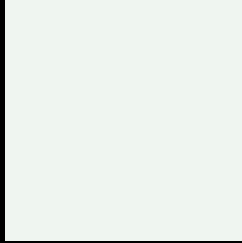
Large Text (above 18pt) WCAG AA × Fail

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 83.9772, 89.9468, 95.3735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

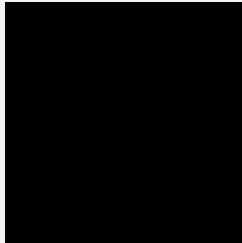
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

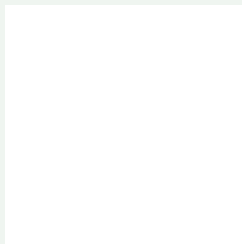
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9772, 89.9468, 95.3735

Background



This preview shows how black text looks on a background with the XYZ color 83.9772, 89.9468, 95.3735.



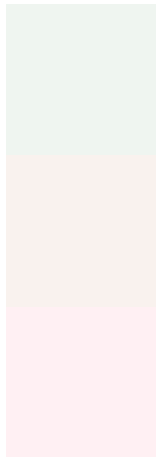
This preview shows how white text looks on a background with the XYZ color 83.9772, 89.9468,

95.3 35.

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

83.9772, 89.9468, 95.3735

Protanopia

86.2517, 89.8170, 93.6794

Deuteranopia

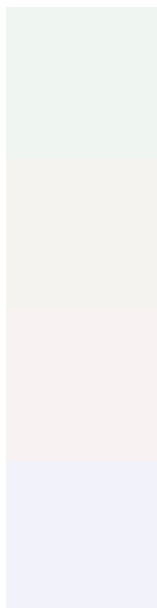
88.5778, 90.0512, 97.5071



Tritanopia

86.7643, 89.7789, 107.3638

Trichromacy



Original Color

83.9772, 89.9468, 95.3735

Protanomaly

85.2868, 89.7457, 94.4889

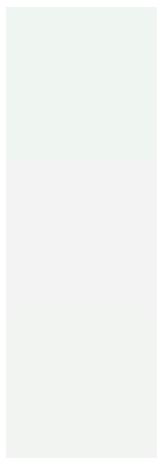
Deuteranomaly

86.8461, 90.0548, 96.8094

Tritanomaly

85.9239, 89.8806, 103.2625

Monochromacy



Original Color

83.9772, 89.9468, 95.3735

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.9956, 89.9894, 96.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9772, 89.9468, 95.3735 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, 245, 240) looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 245, 240) }
```

Border

The CSS property to change the border of an element to XYZ 83.9772, 89.9468, 95.3735 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, 245, 240) }
```


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

```
.border{ border-color:rgb(239, 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(239, 245, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 245,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 83.9772, 89.9468, 95.3735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 245, 240) }
```

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

```
.background{ background-color: rgb(239,  
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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