

Converting Colors

XYZ(82.7895, 88.7659, 93.5695)

Have a look what the booklet for
XYZ(82.7895, 88.7659, 93.5695)
contains.

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Color

**XYZ(83.0432, 89.0516,
93.7007)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF4EE
RGB	238, 244, 238
RGB Percent	93%, 96%, 93%
CMY	0.0667, 0.0431, 0.0667
CMYK	0.02, 0.00, 0.02, 0.04
HSL	120°, 21%, 95%
HSV	120°, 2%, 96%
XYZ	83.0432, 89.0516, 93.7007
YIQ	241.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

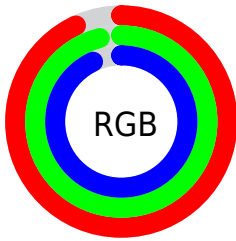
Format	Color
R _Y B	238, 244, 244
Decimal	15660270
CIE Lab	95.60, -3.05, 2.18
CIE LCh	96, 3.747, 144.384
Yxy	89.0516, 0.3124, 0.3350
Android (android.graphics.Color)	4293850350 (0xFFEEF4EE)
YUV	241.5220, -1.7363, -3.0888
Hunter-Lab	94.3672, -8.0623, 7.1857

Details

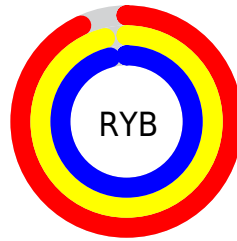
The XYZ color **83.0432, 89.0516, 93.7007** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.2152, 86.9161, 97.9303**, and the grayscale version is **84.0368, 88.4133, 96.2821**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7181, 49.2889, 51.3601** is the 20% darker color. If you saturate the color by 10%, you get **72.0544, 83.7757, 75.7246**, and if you desaturate by 10%, it is **91.6424, 93.1849, 107.7641**.

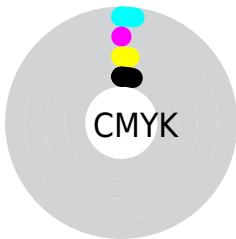
Distribution



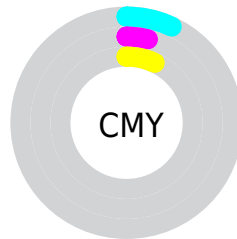
- Red (93%)
- Green (96%)
- Blue (93%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.0432, 89.0516, 93.7007 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 83.0432, 89.0516, 93.7007 by changing the saturation by 10% instead.

83.0432, 89.0516,
93.7007

83.0432, 89.0516,
93.7007

493.7122,
524.9409, 560.8747

62.5428, 67.1943,
70.4631

136.5642,
146.0203, 154.4484

45.7287, 49.2426,
51.4251

170.3155,
181.9005, 192.7957

32.2355, 34.8119,
36.1679

209.2145,
223.2239, 237.0166

21.6979, 23.5180,
24.2732

253.6265,
270.3747, 287.5297

13.7504, 14.9765,
15.3223

303.9170,
323.7374, 344.7535

8.0278, 8.8029,
8.8968

360.4512,

4.1647, 4.6128,

383.6964, 409.1066

4.5780

423.5945,
450.6361, 481.0075

■ 1.7957, 2.0219,
1.9475

■ 0.5151, 0.6202,
0.5227

■ 83.0432, 89.0516,
93.7007

■ 83.0432, 89.0516,
93.7007

■ 72.0544, 83.7757,
75.7246

■ 91.6424, 93.1849,
107.7641

■ 62.5957, 79.2322,
60.2532

■ 54.6014, 75.3921,
47.1771

■ 47.9983, 72.2204,
36.3766

■ 42.7072, 69.6788,
27.7219

■ 38.6404, 67.7253,
21.0699

■ 35.6999, 66.3128,
16.2600

■ 33.7726, 65.3870,
13.1074

■ 32.7219, 64.8823,
11.3886

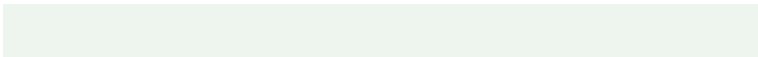
Harmonies

Analogous

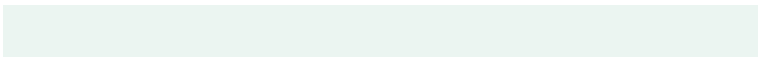
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.8270, 89.0516, 91.8940



83.0432, 89.0516, 93.7007



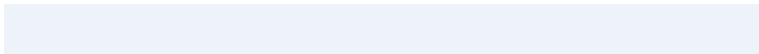
82.6878, 89.0516, 96.4088

Triad

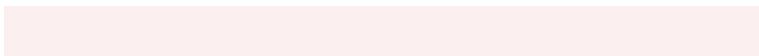
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.0432, 89.0516, 93.7007



84.4475, 89.0516, 102.7091



86.4551, 89.0516, 94.6423

Complementary

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



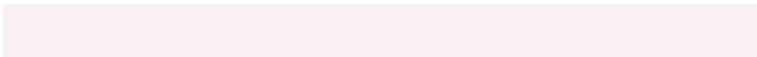
83.0432, 89.0516, 93.7007



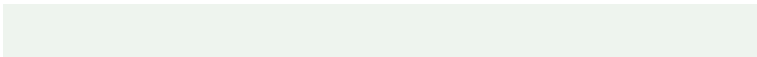
84.2152, 86.9161, 97.9303

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.



86.6245, 89.0516, 97.5174



83.0432, 89.0516, 93.7007



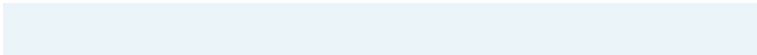
85.4600, 89.0516, 102.2131

Square

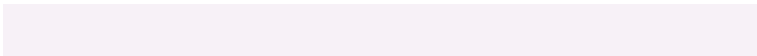
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



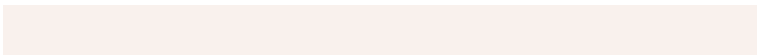
83.0432, 89.0516, 93.7007



83.4943, 89.0516, 101.6400



86.2589, 89.0516, 100.2982



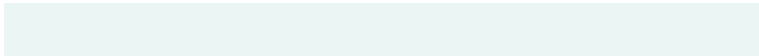
85.7979, 89.0516, 92.4298

Rectangle

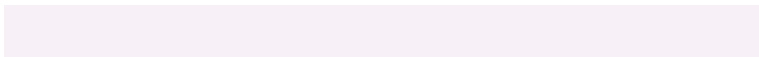
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



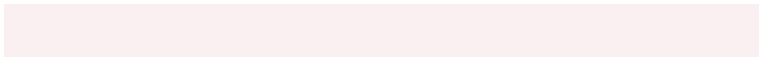
83.0432, 89.0516, 93.7007



82.7395, 89.0516, 98.3760



86.2589, 89.0516, 100.2982



86.5712, 89.0516, 95.5617

Sweetspot

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



83.0457, 89.0554, 93.7026



93.7102, 99.3564, 106.7085



85.0955, 90.1121, 93.7985



20.0720, 21.2731, 22.8631



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

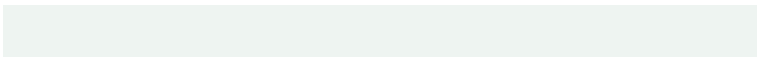
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0457, 89.0554, 93.7026



91.0839, 98.0949, 102.4128



83.4906, 89.2334, 96.0453



17.6534, 19.1307, 19.7476



17.5905, 35.1811, 5.8636



1.5460, 3.0921, 0.5154

Inverse Universe

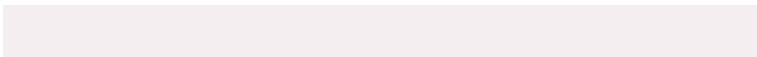
The Inverse Universe completely reimagines the original color for something new.



84.2152, 86.9161, 97.9303



92.6579, 95.2158, 108.1025



83.7630, 86.7352, 95.5488



18.0407, 18.4223, 21.1475



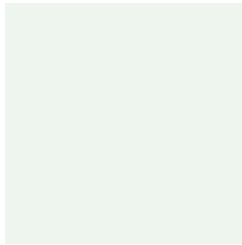
29.1646, 14.0093, 47.7025



2.5633, 1.2313, 4.1926

Previews

White Background



This preview shows how the XYZ color 83.0432, 89.0516, 93.7007 looks on a white background.

Color Contrast Check

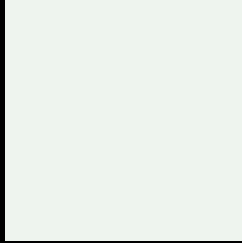
Large Text (above 18pt) WCAG AA × Fail

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 83.0432, 89.0516, 93.7007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

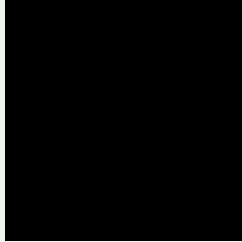
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

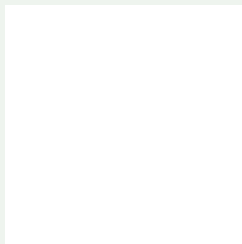
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.0432, 89.0516, 93.7007

Background



This preview shows how black text looks on a background with the XYZ color 83.0432, 89.0516, 93.7007.



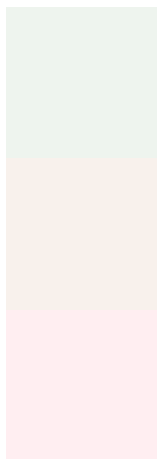
This preview shows how white text looks on a background with the XYZ color 83.0432, 89.0516,

93.7 07.

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

83.0432, 89.0516, 93.7007

Protanopia

85.3070, 88.9232, 92.0246

Deuteranopia

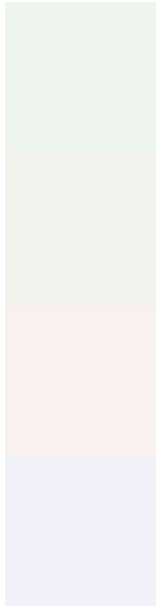
87.6917, 88.7599, 95.7296



Tritanopia

86.1232, 89.0078, 107.2488

Trichromacy



Original Color

83.0432, 89.0516, 93.7007

Protanomaly

84.3464, 88.8518, 92.8253

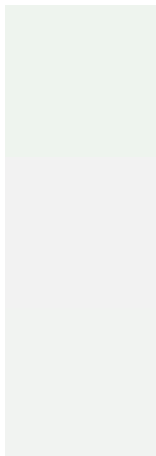
Deuteranomaly

85.9552, 88.7512, 95.0384

Tritanomaly

85.1266, 89.0446, 102.3232

Monochromacy



Original Color

83.0432, 89.0516, 93.7007

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 83.0432, 89.0516, 93.7007 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, 238) looks like.

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

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, 238) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 83.0432, 89.0516, 93.7007 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, 238) }
```


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

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

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, 238)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 83.0432, 89.0516, 93.7007 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, 238) }
```

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

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

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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