

Converting Colors

XYZ(83.6773, 87.8757, 95.5220)

Have a look what the booklet for
XYZ(83.6773, 87.8757, 95.5220)
contains.

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Color

**XYZ(83.9504, 88.1387,
95.8069)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F1F1
RGB	242, 241, 241
RGB Percent	95%, 95%, 95%
CMY	0.0510, 0.0549, 0.0549
CMYK	0.00, 0.00, 0.00, 0.05
HSL	0°, 4%, 95%
HSV	0°, 0%, 95%
XYZ	83.9504, 88.1387, 95.8069
YIQ	241.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

Format	Color
R_{YB}	242, 241, 241
Decimal	15921649
CIE _{Lab}	95.22, 0.34, 0.11
CIE _{LCh}	95, 0.354, 17.638
Yxy	88.1387, 0.3134, 0.3290
Android (android.graphics.Color)	4294111729 (0xFF2F1F1)
YUV	241.2990, -0.1474, 0.6148
Hunter-Lab	93.8822, -4.6774, 5.2120

Details

The XYZ color **83.9504, 88.1387, 95.8069** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.0548, 88.6147, 96.6797**, and the grayscale version is **83.8475, 88.2141, 96.0652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.3556, 48.6398, 52.8442** is the 20% darker color. If you saturate the color by 10%, you get **73.9053, 73.4534, 75.7931**, and if you desaturate by 10%, it is **90.4285, 97.6175, 108.6837**.

Distribution



Red (95%)

Green (95%)

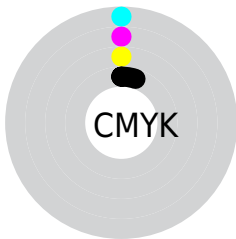
Blue (95%)



Red (95%)

Yellow (95%)

Blue (95%)

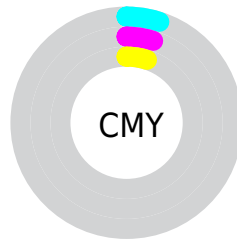


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.9504, 88.1387, 95.8069 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 83.9504, 88.1387, 95.8069 by changing the saturation by 10% instead.

83.9504, 88.1387,
95.8069

83.9504, 88.1387,
95.8069

496.6847,
521.9573, 567.7952

63.2941, 66.4379,
72.2061

137.8274,
144.7502, 157.3841

46.3387, 48.6280,
52.8392

171.7788,
180.4298, 196.1975

32.7189, 34.3245,
37.2876

210.8926,
221.5378, 240.9190

22.0694, 23.1430,
25.1327

255.5341,
268.4585, 291.9670

14.0248, 14.6991,
15.9560

306.0687,
321.5765, 349.7601

8.2197, 8.6085,
9.3390

362.8617,

4.2889, 4.4867,

381.2760, 414.7168

4.8632

426.2786,
447.9415, 487.2556

■ 1.8668, 1.9494,
2.1099

■ 0.5574, 0.5778,
0.6216

■ 83.9504, 88.1387,
95.8069

■ 83.9504, 88.1387,
95.8069

■ 73.9053, 73.4534,
75.7931

■ 90.4285, 97.6175,
108.6837

■ 65.2262, 60.7630,
58.5099

■ 57.8564, 49.9848,
43.8407

■ 51.7324, 41.0262,
31.6585

■ 46.7854, 33.7870,
21.8253

■ 42.9399, 28.1569,
14.1900

■ 40.1118, 24.0134,
8.5837

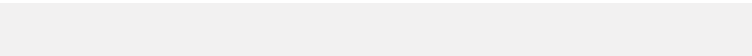
■ 38.2046, 21.2159,
4.8134

■ 37.1037, 19.5973,
2.6483

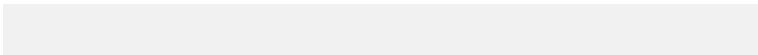
Harmonies

Analogous

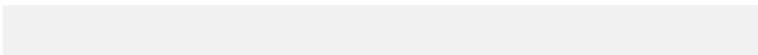
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9548, 88.1387, 96.0820



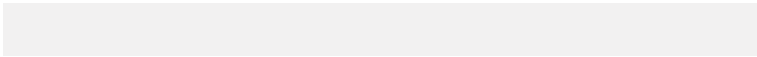
83.9504, 88.1387, 95.8069



83.8985, 88.1387, 95.5754

Triad

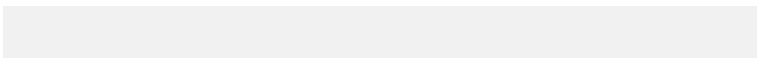
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9504, 88.1387, 95.8069



83.6360, 88.1387, 95.6099



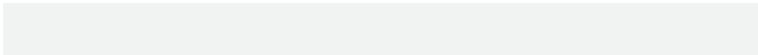
83.7334, 88.1387, 96.4888

Complementary

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



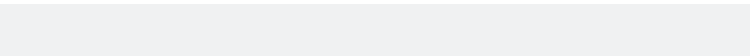
83.9504, 88.1387, 95.8069



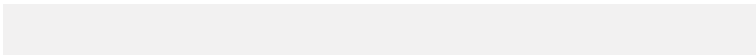
84.0548, 88.6147, 96.6797

Split Complementary

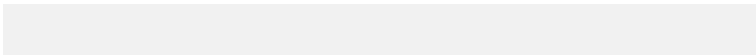
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.6480, 88.1387, 96.3618



83.9504, 88.1387, 95.8069



83.5918, 88.1387, 95.8542

Square

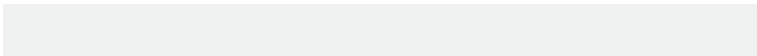
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



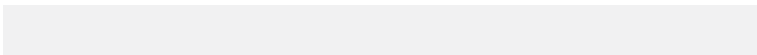
83.9504, 88.1387, 95.8069



83.7169, 88.1387, 95.4618



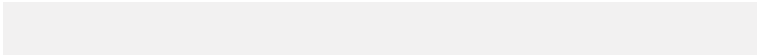
83.5962, 88.1387, 96.1294



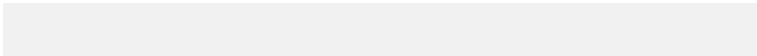
83.8295, 88.1387, 96.4761

Rectangle

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



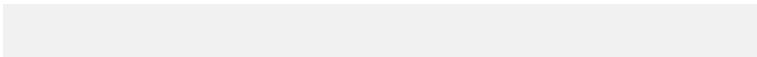
83.9504, 88.1387, 95.8069



83.8439, 88.1387, 95.4767



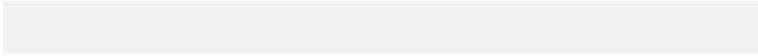
83.5962, 88.1387, 96.1294



83.7025, 88.1387, 96.4611

Sweetspot

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



83.9529, 88.1425, 95.8088

95.0500, 100.0000, 108.9000



84.1015, 88.2000, 96.5972



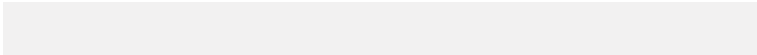
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

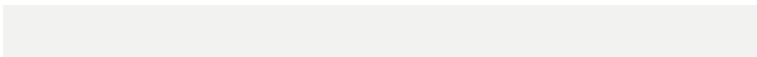
Same Dimension

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



83.9529, 88.1425, 95.8088

95.0500, 100.0000, 108.9000



84.0999, 88.4364, 95.8578



17.8044, 18.7317, 20.3988



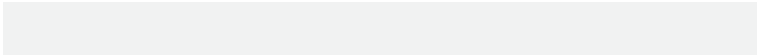
19.6796, 10.1573, 0.9233



1.6390, 0.8486, 0.0774

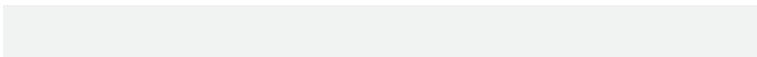
Inverse Universe

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



84.0548, 88.6147, 96.6797

95.0500, 100.0000, 108.9000



83.9074, 88.3199, 96.6306



17.8044, 18.7317, 20.3988



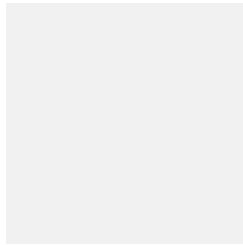
25.5124, 37.2490, 50.9730



2.1242, 3.1023, 4.2411

Previews

White Background



This preview shows how the XYZ color 83.9504, 88.1387, 95.8069 looks on a white background.

Color Contrast Check

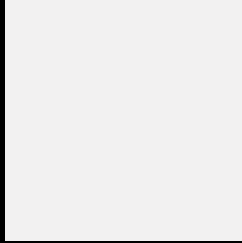
Large Text (above 18pt) WCAG AA × Fail

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 83.9504, 88.1387, 95.8069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

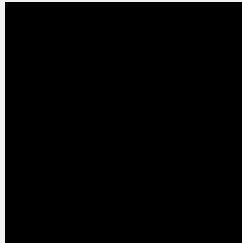
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

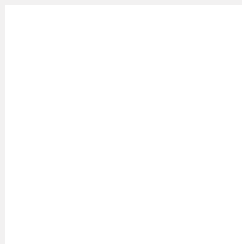
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.9504, 88.1387, 95.8069

Background



This preview shows how black text looks on a background with the XYZ color 83.9504, 88.1387, 95.8069.



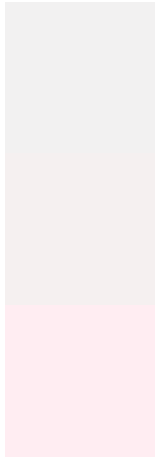
This preview shows how white text looks on a background with the XYZ color 83.9504, 88.1387,

95.869.

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

83.9504, 88.1387, 95.8069

Protanopia

84.5445, 88.0239, 94.9724

Deuteranopia

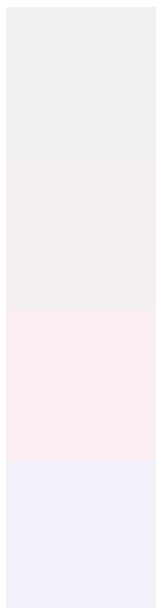
87.5512, 88.2392, 96.4218



Tritanopia

86.2247, 88.1861, 107.0848

Trichromacy



Original Color

83.9504, 88.1387, 95.8069

Protanomaly

84.1965, 87.8445, 94.9561

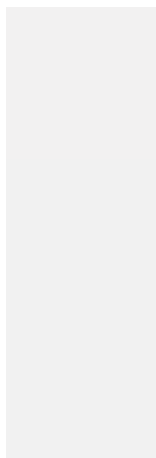
Deuteranomaly

86.0259, 87.8839, 96.4336

Tritanomaly

85.3776, 88.2770, 102.9818

Monochromacy



Original Color

83.9504, 88.1387, 95.8069

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.6081, 87.9622, 95.7909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.9504, 88.1387, 95.8069 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(242, 241, 241) looks like.

```
.text, #text, p{  
    color:rgb(242, 241, 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(242, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 241, 241) }
```

Border

The CSS property to change the border of an element to XYZ 83.9504, 88.1387, 95.8069 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(242, 241, 241) }
```

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

```
.border{ border-color:rgb(242, 241, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 241, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(242, 241,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 83.9504, 88.1387, 95.8069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 241, 241) }
```

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

```
.background{ background-color: rgb(242,  
241, 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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