

Converting Colors

XYZ(83.6496, 88.3144, 97.4336)

Have a look what the booklet for
XYZ(83.6496, 88.3144, 97.4336)
contains.

XYZ(83.8650, 88.5006, 97.4562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(83.8650, 88.5006,
97.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F2F3
RGB	240, 242, 243
RGB Percent	94%, 95%, 95%
CMY	0.0588, 0.0510, 0.0471
CMYK	0.01, 0.00, 0.00, 0.05
HSL	200°, 11%, 95%
HSV	200°, 1%, 95%
XYZ	83.8650, 88.5006, 97.4562
YIQ	241.5160, -1.5130, -0.1130

Conversions

Conversions Part 2

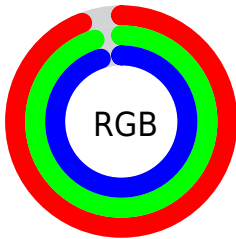
Format	Color
R _Y B	240, 241, 243
Decimal	15790835
CIE Lab	95.37, -0.48, -0.72
CIE LCh	95, 0.869, 236.446
Yxy	88.5006, 0.3108, 0.3280
Android (android.graphics.Color)	4293980915 (0xFF0F2F3)
YUV	241.5160, 0.7316, -1.3295
Hunter-Lab	94.0748, -5.5031, 4.4312

Details

The XYZ color **83.8650, 88.5006, 97.4562** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1458, 88.2556, 95.0395**, and the grayscale version is **84.0132, 88.3884, 96.2550**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2957, 48.8960, 54.0115** is the 20% darker color. If you saturate the color by 10%, you get **73.8139, 79.8350, 96.3147**, and if you desaturate by 10%, it is **91.6263, 96.1480, 98.5246**.

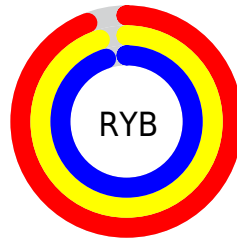
Distribution



Red (94%)

Green (95%)

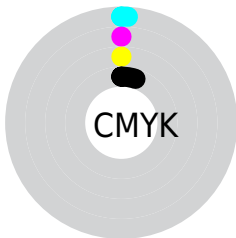
Blue (95%)



Red (94%)

Yellow (95%)

Blue (95%)

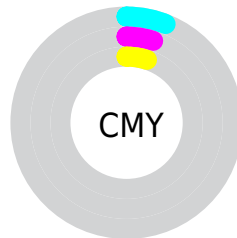


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.8650, 88.5006, 97.4562 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 83.8650, 88.5006, 97.4562 by changing the saturation by 10% instead.

83.8650, 88.5006,
97.4562

83.8650, 88.5006,
97.4562

496.4053,
523.1412, 573.1827

63.2233, 66.7377,
73.5728

137.7086,
145.2539, 159.6783

46.2812, 48.8715,
53.9498

171.6411,
181.0131, 198.8540

32.6734, 34.5176,
38.1686

210.7347,
222.2066, 243.9643

22.0344, 23.2915,
25.8107

255.3547,
269.2187, 295.4277

13.9989, 14.8089,
16.4576

305.8664,
322.4338, 353.6626

8.2016, 8.6854,
9.6907

362.6351,

4.2771, 4.5365,

382.2363, 419.0878

5.0915

426.0263,
449.0106, 492.1216

■ 1.8601, 1.9780,
2.2413

■ 0.5535, 0.5946,
0.6981

■ 83.8650, 88.5006,
97.4562

■ 83.8650, 88.5006,
97.4562

■ 73.8139, 79.8350,
96.3147

■ 91.6263, 96.1480,
98.5246

■ 64.9260, 71.9218,
95.2557

■ 93.1779, 99.2512,
99.0418

■ 57.1559, 64.7381,
94.2786

■ 50.4524, 58.2554,
93.3807

■ 44.7598, 52.4429,
92.5588

■ 40.0174, 47.2669,
91.8097

■ 36.1569, 42.6903,
91.1298

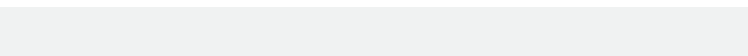
■ 33.1006, 38.6706,
90.5150

■ 30.7554, 35.1575,
89.9605

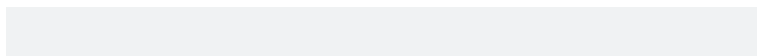
Harmonies

Analogous

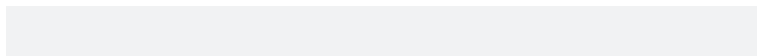
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.7089, 88.5006, 96.9458



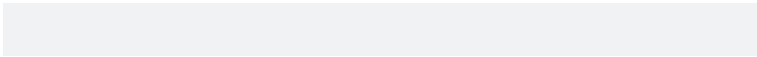
83.8650, 88.5006, 97.4562



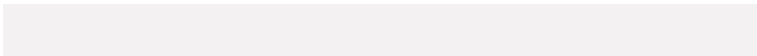
84.0889, 88.5006, 97.6734

Triad

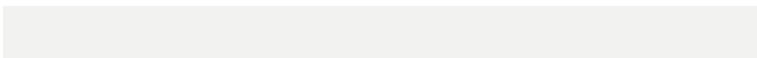
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.8650, 88.5006, 97.4562



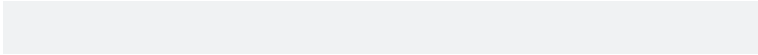
84.5738, 88.5006, 96.4432



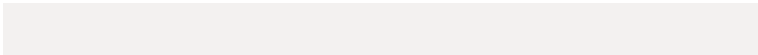
83.9139, 88.5006, 95.1958

Complementary

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



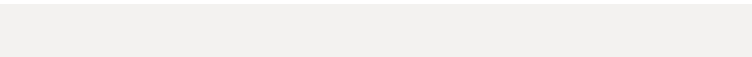
83.8650, 88.5006, 97.4562



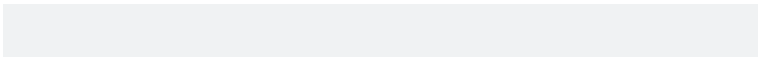
84.1458, 88.2556, 95.0395

Split Complementary

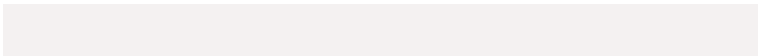
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.1455, 88.5006, 95.0626



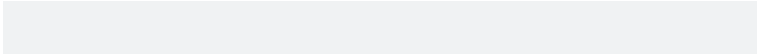
83.8650, 88.5006, 97.4562



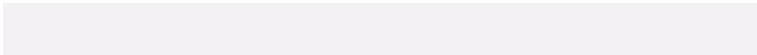
84.5267, 88.5006, 95.7808

Square

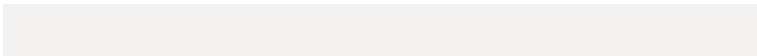
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



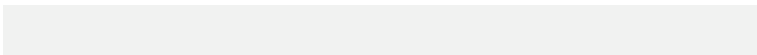
83.8650, 88.5006, 97.4562



84.4983, 88.5006, 97.0868



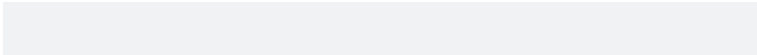
84.3698, 88.5006, 95.2762



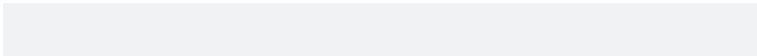
83.7372, 88.5006, 95.6410

Rectangle

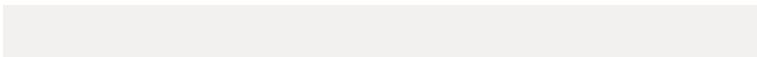
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



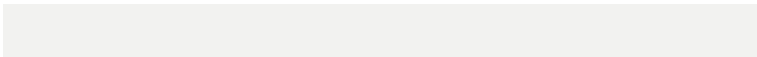
83.8650, 88.5006, 97.4562



84.2465, 88.5006, 97.6220



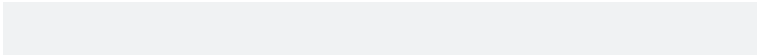
84.3698, 88.5006, 95.2762



83.9879, 88.5006, 95.1131

Sweetspot

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



83.8675, 88.5044, 97.4581

95.0500, 100.0000, 108.9000



83.8568, 88.9758, 95.9356



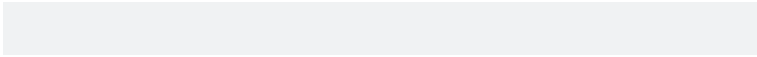
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



83.8675, 88.5044, 97.4581



93.8486, 98.9806, 108.7666



83.4364, 87.6423, 97.3144



18.4063, 19.4103, 21.3190



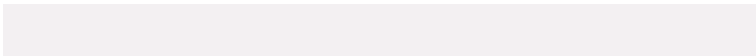
16.1302, 18.0542, 49.1727



1.5117, 1.7749, 4.3532

Inverse Universe

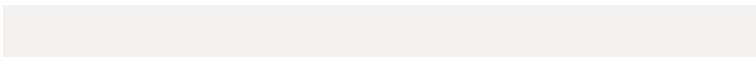
The Inverse Universe completely reimagines the original color for something new.



84.1512, 87.7873, 96.5183



94.1059, 98.3294, 107.9143



84.5779, 89.1199, 95.1835



18.4540, 19.2894, 21.1609



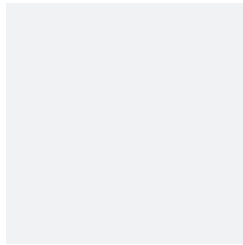
23.9463, 11.9219, 20.2233



2.1521, 1.0668, 2.0274

Previews

White Background



This preview shows how the XYZ color 83.8650, 88.5006, 97.4562 looks on a white background.

Color Contrast Check

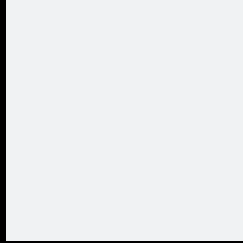
Large Text (above 18pt) WCAG AA × Fail

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 83.8650, 88.5006, 97.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

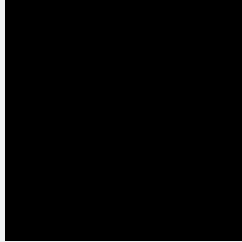
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

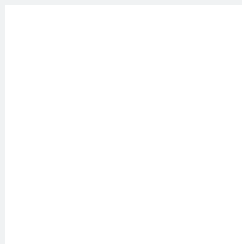
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.8650, 88.5006, 97.4562

Background



This preview shows how black text looks on a background with the XYZ color 83.8650, 88.5006, 97.4562.



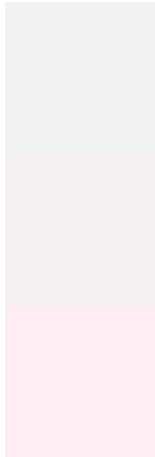
This preview shows how white text looks on a background with the XYZ color 83.8650, 88.5006,

97.4562.

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

83.8650, 88.5006, 97.4562

Protanopia

84.8433, 88.1435, 96.5461

Deuteranopia

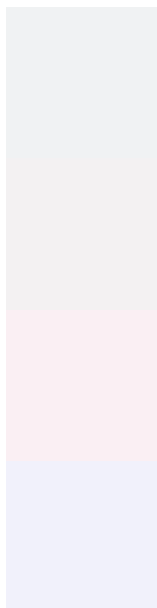
87.7018, 88.2994, 97.2151



Tritanopia

85.8280, 88.4174, 107.1504

Trichromacy



Original Color

83.8650, 88.5006, 97.4562

Protanomaly

84.4445, 88.3761, 96.6120

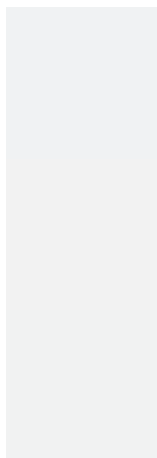
Deuteranomaly

86.4685, 88.5281, 97.3243

Tritanomaly

85.1435, 88.5764, 103.8762

Monochromacy



Original Color

83.8650, 88.5006, 97.4562

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.0548, 88.6158, 96.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.8650, 88.5006, 97.4562 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(240, 242, 243) looks like.

```
.text, #text, p{  
    color:rgb(240, 242, 243)  
}
```

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(240, 242, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 242, 243) }
```

Border

The CSS property to change the border of an element to XYZ 83.8650, 88.5006, 97.4562 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(240, 242, 243) }
```

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

```
.border{ border-color:rgb(240, 242, 243) }
```

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

Here you see how a box with a 4 pixel rgb(240, 242, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 242, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 242, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 242,  
243) }
```


Background

The CSS property to change the background color of an element to XYZ 83.8650, 88.5006, 97.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 242, 243) }
```

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

```
.background{ background-color: rgb(240,  
242, 243) }
```

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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