

Converting Colors

XYZ(83.9180, 89.1262, 84.8038)

Have a look what the booklet for
XYZ(83.9180, 89.1262, 84.8038)
contains.

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Color

**XYZ(84.1358, 89.3663,
84.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F3E2
RGB	247, 243, 226
RGB Percent	97%, 95%, 89%
CMY	0.0314, 0.0470, 0.1137
CMYK	0.00, 0.02, 0.09, 0.03
HSL	49°, 57%, 93%
HSV	49°, 9%, 97%
XYZ	84.1358, 89.3663, 84.7665
YIQ	242.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

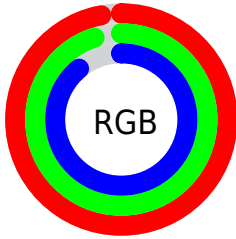
Format	Color
RYB	231, 247, 226
Decimal	16249826
CIELab	95.73, -1.52, 8.66
CIElCh	96, 8.791, 99.988
Yxy	89.3663, 0.3258, 0.3460
Android (android.graphics.Color)	4294439906 (0xFFFF7F3E2)
YUV	242.2580, -8.0152, 4.1587
Hunter-Lab	94.5338, -6.5676, 13.0095

Details

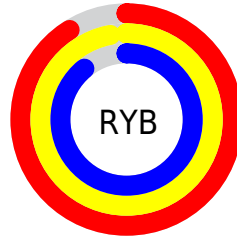
The XYZ color **84.1358, 89.3663, 84.7665** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4492, 79.4764, 99.3078**, and the grayscale version is **84.6616, 89.0706, 96.9979**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6069, 49.5573, 45.6371** is the 20% darker color. If you saturate the color by 10%, you get **79.6002, 85.3335, 67.7202**, and if you desaturate by 10%, it is **89.2006, 93.6743, 104.4002**.

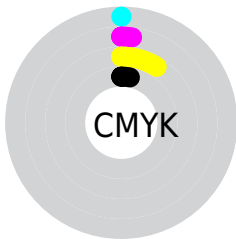
Distribution



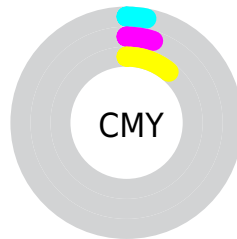
- Red (97%)
- Green (95%)
- Blue (89%)



- Red (91%)
- Yellow (97%)
- Blue (89%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.1358, 89.3663, 84.7665 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 84.1358, 89.3663, 84.7665 by changing the saturation by 10% instead.

84.1358, 89.3663,
84.7665

84.1358, 89.3663,
84.7665

497.2909,
525.9673, 530.9795

63.4476, 67.4552,
63.0994

138.0854,
146.4578, 141.9182

46.4635, 49.4546,
45.4801

172.0776,
182.4071, 178.2398

32.8179, 34.9803,
31.4901

211.2351,
223.8044, 220.2834

22.1455, 23.6477,
20.7107

255.9234,
271.0343, 268.4675

14.0811, 15.0725,
12.7235

306.5077,
324.4812, 323.2106

8.2591, 8.8703,
7.1100

363.3536,

4.3144, 4.6567,

384.5293, 384.9313

3.4515

426.8262,
451.5633, 454.0481

■ 1.8815, 2.0473,
1.3295

■ 0.5661, 0.6347,
0.0858

■ 84.1358, 89.3663,
84.7665

■ 84.1358, 89.3663,
84.7665

■ 79.6002, 85.3335,
67.7202

■ 89.2006, 93.6743,
104.4002

■ 75.5655, 81.5553,
53.1461

■ 91.3457, 96.8694,
108.4910

■ 72.0116, 78.0261,
40.9286

■ 92.1682, 98.5144,
108.7651

■ 68.9140, 74.7357,
30.9408

■ 66.2462, 71.6732,
23.0439

■ 63.9785, 68.8261,
17.0832

■ 62.0772, 66.1806,
12.8827

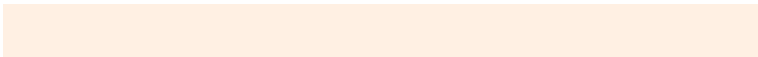
■ 60.5027, 63.7203,
10.2344

■ 59.1983, 61.4222,
8.8419

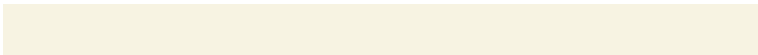
Harmonies

Analogous

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



86.5417, 89.3663, 85.3171



84.1358, 89.3663, 84.7665



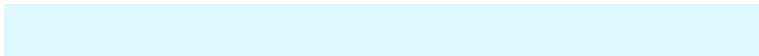
81.9859, 89.3663, 87.4513

Triad

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



84.1358, 89.3663, 84.7665



81.4259, 89.3663, 106.1186



89.3858, 89.3663, 101.9348

Complementary

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



84.1358, 89.3663, 84.7665



76.4492, 79.4764, 99.3078

Split Complementary

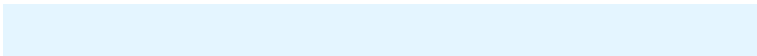
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9642, 89.3663, 107.8718



84.1358, 89.3663, 84.7665



83.3582, 89.3663, 110.3656

Square

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



84.1358, 89.3663, 84.7665



80.4411, 89.3663, 99.6335



85.7493, 89.3663, 111.0221



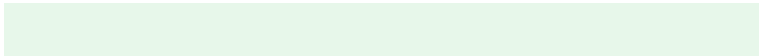
89.6036, 89.3663, 95.0125

Rectangle

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



84.1358, 89.3663, 84.7665



80.9757, 89.3663, 90.7928



85.7493, 89.3663, 111.0221



89.0316, 89.3663, 104.1207

Sweetspot

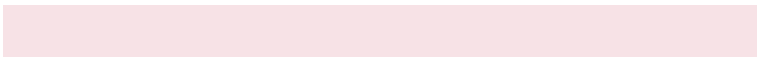
The Sweet Spot groups the original color and five complimentary colors.



84.1383, 89.3702, 84.7684



93.3800, 98.5919, 102.3876



79.8663, 79.8926, 86.2229



19.8935, 21.0231, 21.5519



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.



84.1383, 89.3702, 84.7684



89.6846, 95.4087, 88.1841



83.1626, 90.6615, 85.0691



17.6310, 18.7462, 17.4867



31.3102, 32.5059, 4.6240



2.8192, 2.9917, 0.4289

Inverse Universe

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



76.4492, 79.4764, 99.3078



80.0458, 83.0063, 106.4107



77.3622, 78.3155, 99.0355



15.8363, 16.4368, 20.8805



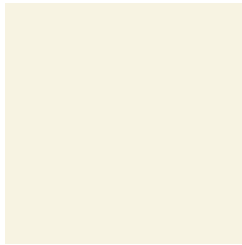
9.4922, 4.7782, 46.9600



0.9019, 0.5551, 4.1499

Previews

White Background



This preview shows how the XYZ color 84.1358, 89.3663, 84.7665 looks on a white background.

Color Contrast Check

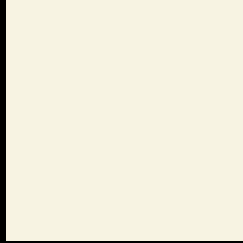
Large Text (above 18pt) WCAG AA × Fail

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 84.1358, 89.3663, 84.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

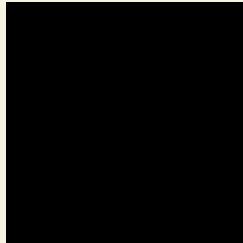
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1358, 89.3663, 84.7665

Background



This preview shows how black text looks on a background with the XYZ color 84.1358, 89.3663, 84.7665.



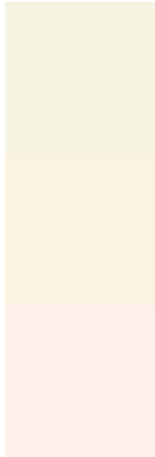
This preview shows how white text looks on a background with the XYZ color 84.1358, 89.3663,

84.7665.

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

84.1358, 89.3663, 84.7665

Protanopia

85.1264, 89.4497, 84.0130

Deuteranopia

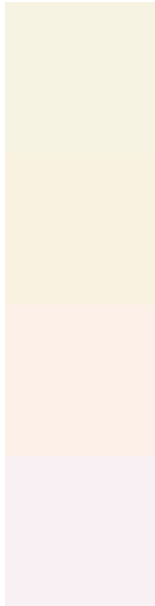
87.3926, 89.1074, 92.7141



Tritanopia

88.3408, 89.2770, 107.1839

Trichromacy



Original Color

84.1358, 89.3663, 84.7665

Protanomaly

84.7671, 89.2645, 83.9962

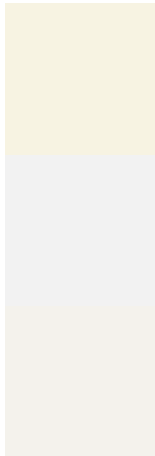
Deuteranomaly

86.0130, 88.8988, 89.7166

Tritanomaly

86.5561, 88.9916, 98.2030

Monochromacy



Original Color

84.1358, 89.3663, 84.7665

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.2007, 88.7935, 92.0579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1358, 89.3663, 84.7665 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(247, 243, 226) looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 226)  
}
```

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(247, 243, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 226) }
```

Border

The CSS property to change the border of an element to XYZ 84.1358, 89.3663, 84.7665 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(247, 243, 226) }
```


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

```
.border{ border-color:rgb(247, 243, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 243, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 243, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 243, 226);  
box-shadow:4px 4px 4px 4px rgb(247, 243,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1358, 89.3663, 84.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 226) }
```

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

```
.background{ background-color: rgb(247,  
243, 226) }
```

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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