

Converting Colors

XYZ(84.1952, 88.1328, 83.2100)

Have a look what the booklet for
XYZ(84.1952, 88.1328, 83.2100)
contains.

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Color

**XYZ(84.0390, 88.0260,
83.0824)**

Conversions

Conversions Part 1

Format	Color
Hex	FAF0E0
RGB	250, 240, 224
RGB Percent	98%, 94%, 88%
CMY	0.0196, 0.0588, 0.1216
CMYK	0.00, 0.04, 0.10, 0.02
HSL	37°, 72%, 93%
HSV	37°, 10%, 98%
XYZ	84.0390, 88.0260, 83.0824
YIQ	241.1660, 11.0960, -2.8560

Conversions

Conversions Part 2

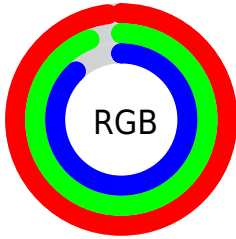
Format	Color
R_{YB}	240, 250, 224
Decimal	16445664
CIE _{Lab}	95.17, 0.71, 8.92
CIE _{LCh}	95, 8.945, 85.441
Y _{xy}	88.0260, 0.3294, 0.3450
Android (android.graphics.Color)	4294635744 (0xFFFAF0E0)
Y _{UV}	241.1660, -8.4628, 7.7474
Hunter-Lab	93.8222, -4.3016, 13.1724

Details

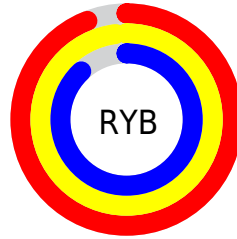
The XYZ color **84.0390, 88.0260, 83.0824** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.4185, 81.5936, 102.1122**, and the grayscale version is **83.8003, 88.1645, 96.0111**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2942, 48.4830, 44.4543** is the 20% darker color. If you saturate the color by 10%, you get **78.1407, 81.2616, 65.6005**, and if you desaturate by 10%, it is **90.5906, 95.2973, 103.2437**.

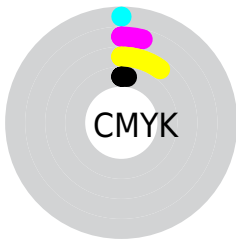
Distribution



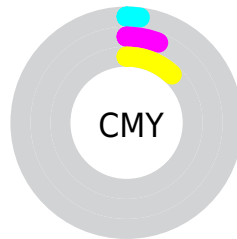
- Red (98%)
- Green (94%)
- Blue (88%)



- Red (94%)
- Yellow (98%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (6%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.0390, 88.0260, 83.0824 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 84.0390, 88.0260, 83.0824 by changing the saturation by 10% instead.

 84.0390, 88.0260,
83.0824

 84.0390, 88.0260,
83.0824


496.9744,
521.5884, 525.2393

 63.3675, 66.3446,
61.7171


137.9507,
144.5934, 139.5411

 46.3983, 48.5522,
44.3699


171.9216,
180.2481, 175.4717

 32.7662, 34.2644,
30.6221

211.0563,
221.3294, 217.0944

 22.1058, 23.0968,
20.0552

255.7201,
268.2217, 264.8278

 14.0517, 14.6650,
12.2507

306.2785,
321.3093, 319.0904

 8.2386, 8.5846,
6.7900

363.0968,

 4.3011, 4.4712,

380.9767, 380.3009

3.2547

426.5403,
447.6083, 448.8776

■ 1.8738, 1.9405,
1.2261

■ 0.5616, 0.5726,
0.0001

■ 84.0390, 88.0260,
83.0824

■ 84.0390, 88.0260,
83.0824

■ 78.1407, 81.2616,
65.6005

■ 90.5906, 95.2973,
103.2437

■ 72.8644, 74.9793,
50.6773

■ 93.2348, 99.0642,
108.8150

■ 68.1870, 69.1688,
38.1915

■ 64.0809, 63.8154,
28.0094

■ 60.5159, 58.9030,
19.9846

■ 57.4586, 54.4141,
13.9533

■ 54.8709, 50.3295,
9.7284

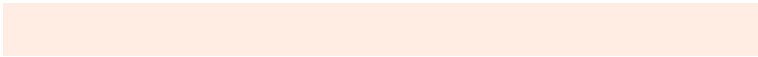
■ 52.7079, 46.6267,
7.0860

■ 50.9625, 43.3997,
5.6910

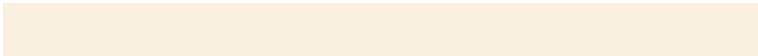
Harmonies

Analogous

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



86.3520, 88.0260, 85.2143



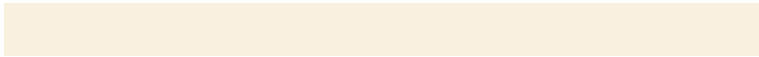
84.0390, 88.0260, 83.0824



81.6695, 88.0260, 84.2320

Triad

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



84.0390, 88.0260, 83.0824



79.5062, 88.0260, 101.7258



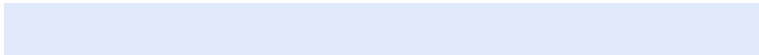
87.5841, 88.0260, 103.6599

Complementary

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



84.0390, 88.0260, 83.0824



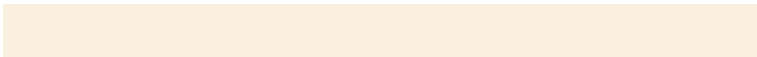
77.4185, 81.5936, 102.1122

Split Complementary

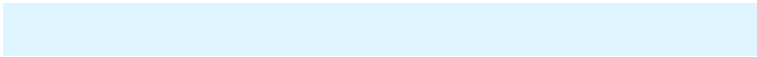
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6949, 88.0260, 108.4799



84.0390, 88.0260, 83.0824



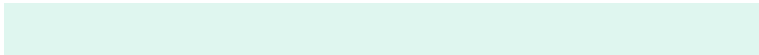
81.0365, 88.0260, 107.3258

Square

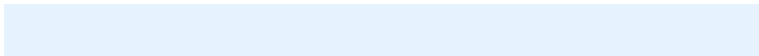
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.0390, 88.0260, 83.0824



79.0821, 88.0260, 94.7828



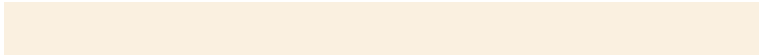
83.2942, 88.0260, 109.8527



88.4239, 88.0260, 96.9158

Rectangle

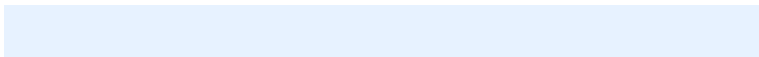
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0390, 88.0260, 83.0824



80.3719, 88.0260, 86.7357



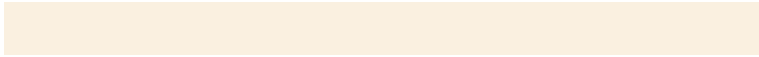
83.2942, 88.0260, 109.8527



87.0490, 88.0260, 105.5715

Sweetspot

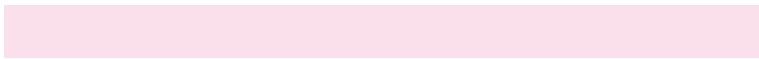
The Sweet Spot groups the original color and five complimentary colors.



84.0414, 88.0299, 83.0843



92.9115, 97.6549, 102.2315



80.9899, 79.6001, 89.2404



19.7668, 20.7698, 21.5097



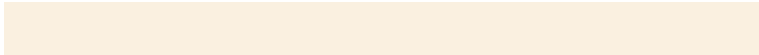
0.0000, 0.0000, 0.0000



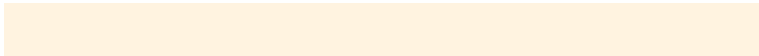
20.3446, 21.4041, 23.3091

Same Dimension

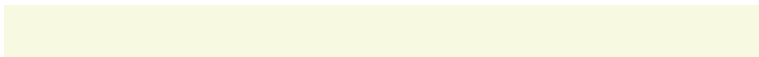
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0414, 88.0299, 83.0843



86.8702, 90.9062, 83.7739



86.1402, 93.6010, 84.0490



18.1343, 19.0044, 18.1748



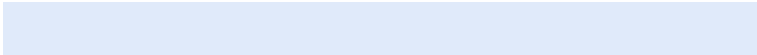
27.1754, 23.3075, 3.0665



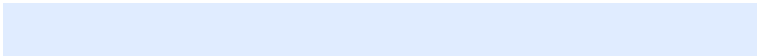
2.6195, 2.3638, 0.3182

Inverse Universe

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



77.4185, 81.5936, 102.1122



78.9572, 83.2165, 106.5086



75.4647, 76.4807, 101.2283



16.8301, 17.7370, 21.9218



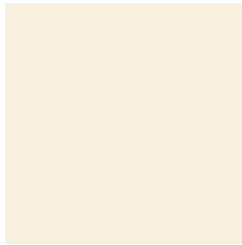
11.5054, 8.3664, 48.9820



1.1647, 0.9730, 4.5696

Previews

White Background



This preview shows how the XYZ color 84.0390, 88.0260, 83.0824 looks on a white background.

Color Contrast Check

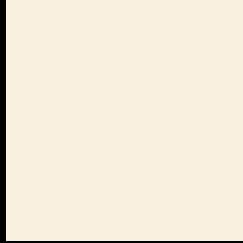
Large Text (above 18pt) WCAG AA × Fail

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 84.0390, 88.0260, 83.0824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

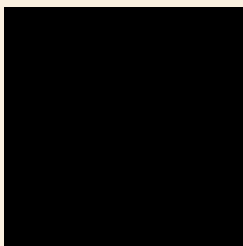
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

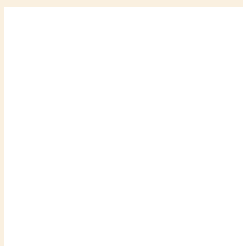
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.0390, 88.0260, 83.0824

Background



This preview shows how black text looks on a background with the XYZ color 84.0390, 88.0260, 83.0824.



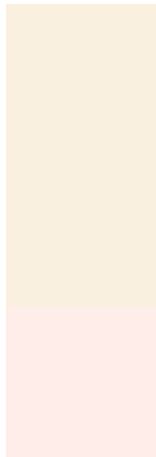
This preview shows how white text looks on a background with the XYZ color 84.0390, 88.0260,

83.0824.

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

84.0390, 88.0260, 83.0824

Protanopia

83.6816, 87.8417, 83.0657

Deuteranopia

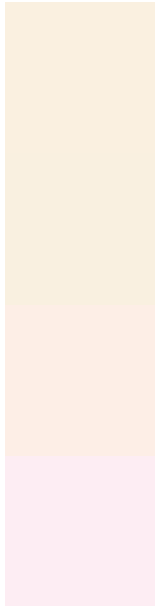
86.3755, 87.7689, 90.2305



Tritanopia

88.7579, 88.2175, 106.1156

Trichromacy



Original Color

84.0390, 88.0260, 83.0824

Protanomaly

83.6816, 87.8417, 83.0657

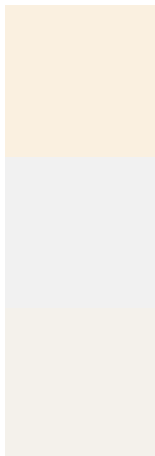
Deuteranomaly

85.3655, 87.7449, 87.3001

Tritanomaly

86.9699, 87.9221, 97.1809

Monochromacy



Original Color

84.0390, 88.0260, 83.0824

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.7589, 88.1418, 91.1958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.0390, 88.0260, 83.0824 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(250, 240, 224) looks like.

```
.text, #text, p{  
    color:rgb(250, 240, 224)  
}
```

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(250, 240, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 240, 224) }
```

Border

The CSS property to change the border of an element to XYZ 84.0390, 88.0260, 83.0824 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(250, 240, 224) }
```


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

```
.border{ border-color:rgb(250, 240, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 240, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 240, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 240, 224);  
box-shadow:4px 4px 4px 4px rgb(250, 240,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 84.0390, 88.0260, 83.0824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 240, 224) }
```

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

```
.background{ background-color: rgb(250,  
240, 224) }
```

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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