

Converting Colors

XYZ(84.9181, 90.0121, 84.2138)

Have a look what the booklet for
XYZ(84.9181, 90.0121, 84.2138)
contains.

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Color

**XYZ(85.0082, 90.2773,
84.1790)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F4E1
RGB	249, 244, 225
RGB Percent	98%, 96%, 88%
CMY	0.0235, 0.0431, 0.1176
CMYK	0.00, 0.02, 0.10, 0.02
HSL	48°, 67%, 93%
HSV	48°, 10%, 98%
XYZ	85.0082, 90.2773, 84.1790
YIQ	243.3290, 9.0790, -4.8490

Conversions

Conversions Part 2

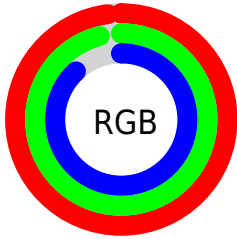
Format	Color
RYB	231, 249, 225
Decimal	16381153
CIELab	96.11, -1.50, 9.74
CIElCh	96, 9.851, 98.771
Yxy	90.2773, 0.3276, 0.3479
Android (android.graphics.Color)	4294571233 (0xFFFF9F4E1)
YUV	243.3290, -9.0362, 4.9735
Hunter-Lab	95.0144, -6.5734, 13.9814

Details

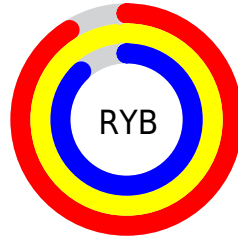
The XYZ color **85.0082, 90.2773, 84.1790** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.4469, 79.4394, 100.9276**, and the grayscale version is **85.5202, 89.9739, 97.9815**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2312, 50.2062, 45.2316** is the 20% darker color. If you saturate the color by 10%, you get **80.3193, 85.9444, 67.0616**, and if you desaturate by 10%, it is **90.2413, 94.9040, 103.9239**.

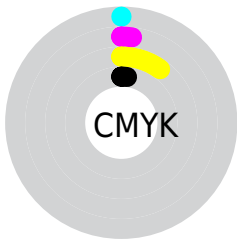
Distribution



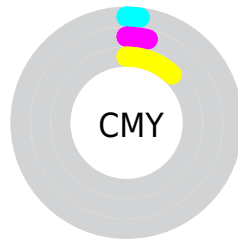
- Red (98%)
- Green (96%)
- Blue (88%)



- Red (91%)
- Yellow (98%)
- Blue (88%)



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



- Cyan (2%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0082, 90.2773, 84.1790 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 85.0082, 90.2773, 84.1790 by changing the saturation by 10% instead.

85.0082, 90.2773,
84.1790

85.0082, 90.2773,
84.1790

500.1385,
528.9325, 528.9810

64.1707, 68.2107,
62.6170

139.2986,
147.7235, 141.0895

47.0511, 50.0691,
45.0924

173.4822,
183.8719, 177.2751

33.2842, 35.4683,
31.1867

212.8452,
225.4829, 219.1722

22.5045, 24.0239,
20.4814

257.7529,
272.9411, 267.1996

14.3468, 15.3513,
12.5579

308.5707,
326.6307, 321.7756

8.4455, 9.0663,
6.9977

365.6640,

4.4355, 4.7845,

386.9362, 383.3188

3.3823

429.3982,
454.2420, 452.2478

■ 1.9514, 2.1214,
1.2930

■ 0.6064, 0.6766,
0.0560

■ 85.0082, 90.2773,
84.1790

■ 85.0082, 90.2773,
84.1790

■ 80.3193, 85.9444,
67.0616

■ 90.2413, 94.9040,
103.9239

■ 76.1456, 81.8842,
52.4533

■ 92.6771, 98.4795,
108.7316

■ 72.4662, 78.0908,
40.2353

■ 92.8773, 98.8800,
108.7983

■ 69.2560, 74.5535,
30.2768

■ 66.4874, 71.2606,
22.4346

■ 64.1296, 68.1994,
16.5488

■ 62.1477, 65.3552,
12.4368

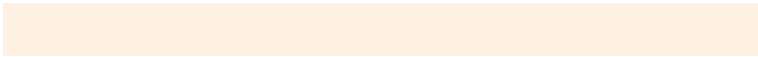
■ 60.5001, 62.7107,
9.8813

■ 59.1208, 60.2390,
8.5372

Harmonies

Analogous

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



87.7201, 90.2773, 84.9426



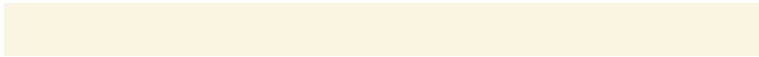
85.0082, 90.2773, 84.1790



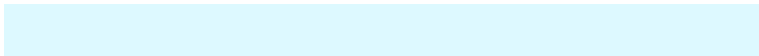
82.5615, 90.2773, 87.0386

Triad

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



85.0082, 90.2773, 84.1790



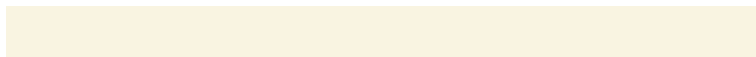
81.7791, 90.2773, 108.0113



90.7910, 90.2773, 103.8397

Complementary

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



85.0082, 90.2773, 84.1790



76.4469, 79.4394, 100.9276

Split Complementary

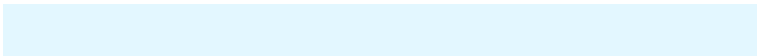
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.1341, 90.2773, 110.4859



85.0082, 90.2773, 84.1790



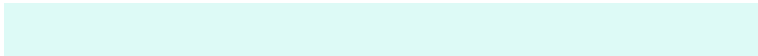
83.9197, 90.2773, 112.9817

Square

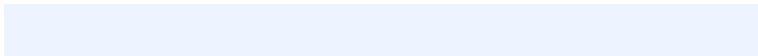
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0082, 90.2773, 84.1790



80.7233, 90.2773, 100.6061



86.6085, 90.2773, 113.9105



91.0974, 90.2773, 96.0228

Rectangle

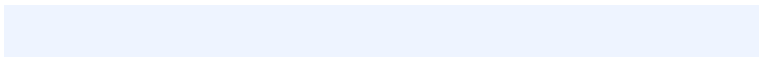
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0082, 90.2773, 84.1790



81.3964, 90.2773, 90.7087



86.6085, 90.2773, 113.9105



90.3718, 90.2773, 106.2964

Sweetspot

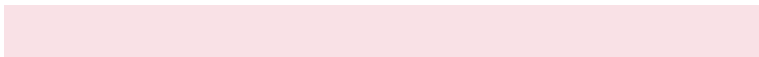
The Sweet Spot groups the original color and five complimentary colors.



85.0107, 90.2813, 84.1809



93.3367, 98.5053, 102.3732



80.3043, 79.7159, 86.1657



19.8818, 20.9997, 21.5480



0.0000, 0.0000, 0.0000



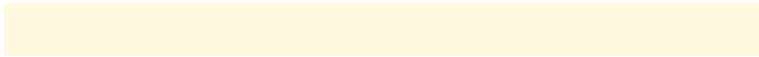
20.3446, 21.4041, 23.3091

Same Dimension

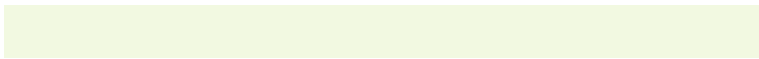
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0107, 90.2813, 84.1809



88.5106, 94.1870, 84.3207



84.1540, 92.1013, 84.5774



18.4027, 19.5412, 18.2643



31.7266, 32.4099, 4.5836



3.0127, 3.1503, 0.4493

Inverse Universe

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



76.4469, 79.4394, 100.9276



77.4259, 80.1539, 105.9982



77.2391, 77.8137, 100.5721



16.5757, 17.2282, 21.8370



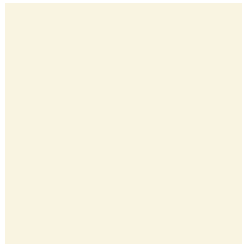
9.8874, 5.1303, 48.4427



0.9883, 0.6203, 4.5108

Previews

White Background



This preview shows how the XYZ color 85.0082, 90.2773, 84.1790 looks on a white background.

Color Contrast Check

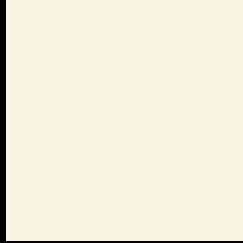
Large Text (above 18pt) WCAG AA × Fail

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 85.0082, 90.2773, 84.1790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

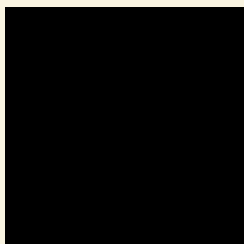
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

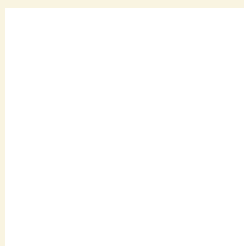
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.0082, 90.2773, 84.1790

Background



This preview shows how black text looks on a background with the XYZ color 85.0082, 90.2773, 84.1790.



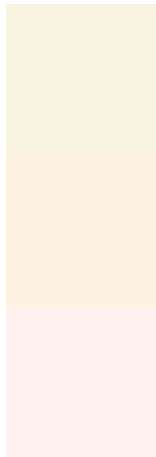
This preview shows how white text looks on a background with the XYZ color 85.0082, 90.2773,

84.1790.

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

85.0082, 90.2773, 84.1790

Protanopia

86.0132, 90.3656, 83.4299

Deuteranopia

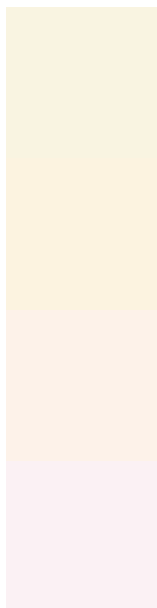
88.1279, 90.3436, 93.6821



Tritanopia

89.3550, 90.2356, 107.3154

Trichromacy



Original Color

85.0082, 90.2773, 84.1790

Protanomaly

85.6500, 90.1784, 83.4130

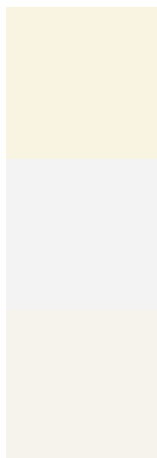
Deuteranomaly

86.9681, 90.2701, 89.9310

Tritanomaly

87.5681, 89.9515, 98.3350

Monochromacy



Original Color

85.0082, 90.2773, 84.1790

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

84.8471, 89.5698, 92.1737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0082, 90.2773, 84.1790 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(249, 244, 225) looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 225)  
}
```

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(249, 244, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 225) }
```

Border

The CSS property to change the border of an element to XYZ 85.0082, 90.2773, 84.1790 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(249, 244, 225) }
```


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

```
.border{ border-color:rgb(249, 244, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 244, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 225);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0082, 90.2773, 84.1790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 225) }
```

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

```
.background{ background-color: rgb(249,  
244, 225) }
```

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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