

Converting Colors

XYZ(107.2049, 100.0000,
78.1717)

Have a look what the booklet for
XYZ(107.2049, 100.0000, 78.1717)
contains.

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Color

**XYZ(84.6658, 88.4865,
76.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D7
RGB	255, 240, 215
RGB Percent	100%, 94%, 84%
CMY	0.0000, 0.0588, 0.1569
CMYK	0.00, 0.06, 0.16, 0.00
HSL	38°, 100%, 92%
HSV	38°, 16%, 100%
XYZ	84.6658, 88.4865, 76.9072
YIQ	241.6350, 16.9650, -4.5950

Conversions

Conversions Part 2

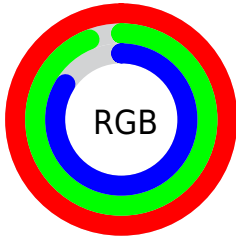
Format	Color
R_{YB}	239, 255, 215
Decimal	16773335
CIE _{Lab}	95.37, 1.07, 13.89
CIE _{LCh}	95, 13.936, 85.609
Yxy	88.4865, 0.3386, 0.3539
Android (android.graphics.Color)	4294963415 (0xFFFFF0D7)
YUV	241.6350, -13.1311, 11.7211
Hunter-Lab	94.0673, -3.9577, 17.3730

Details

The XYZ color **84.6658, 88.4865, 76.9072** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **74.3704, 78.2585, 105.7934**, and the grayscale version is **84.2026, 88.5876, 96.4719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7744, 48.8248, 40.2166** is the 20% darker color. If you saturate the color by 10%, you get **78.9014, 81.7990, 60.0604**, and if you desaturate by 10%, it is **91.0935, 95.6825, 96.4969**.

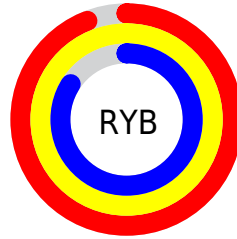
Distribution



Red (100%)

Green (94%)

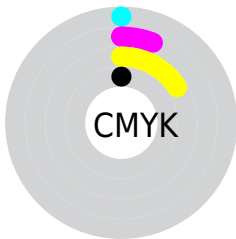
Blue (84%)



Red (94%)

Yellow (100%)

Blue (84%)

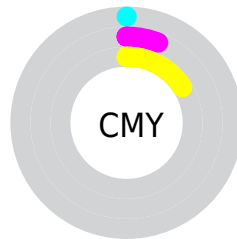


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (6%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.6658, 88.4865, 76.9072 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 84.6658, 88.4865, 76.9072 by changing the saturation by 10% instead.


 84.6658, 88.4865,
76.9072

 84.6658, 88.4865,
76.9072


499.0219,
523.0951, 503.8768

 63.8868, 66.7260,
56.6656


138.8226,
145.2343, 130.7803

 46.8204, 48.8620,
40.3293


172.9311,
180.9904, 165.2489

 33.1010, 34.5100,
27.4796


212.2136,
222.1805, 205.2969

 22.3635, 23.2857,
17.6981

257.0353,
269.1890, 251.3428

 14.2423, 14.8046,
10.5663

307.7616,
322.4004, 303.8052

 8.3722, 8.6824,
5.6655

364.7580,

 4.3878, 4.5346,

382.1989, 363.1027

2.5773

428.3896,
448.9690, 429.6537

■ 1.9238, 1.9769,
0.8807

■ 0.5906, 0.5940,
0.0000

■ 84.6658, 88.4865,
76.9072

■ 84.6658, 88.4865,
76.9072

■ 78.9014, 81.7990,
60.0604

■ 91.0935, 95.6825,
96.4969

■ 73.7680, 75.5945,
45.8260

95.0500, 100.0000,
108.9000

■ 69.2401, 69.8621,
34.0711

■ 65.2875, 64.5859,
24.6486

■ 61.8771, 59.7487,
17.3961

■ 58.9715, 55.3318,
12.1297

■ 56.5278, 51.3137,
8.6347

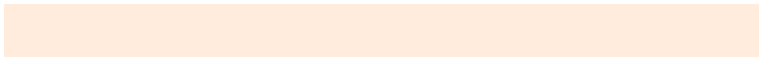
■ 54.4928, 47.6690,
6.6456

■ 53.7089, 46.1979,
6.0863

Harmonies

Analogous

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



88.3094, 88.4865, 80.0515



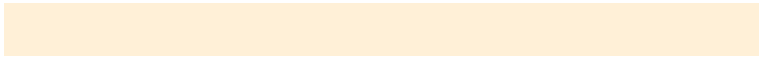
84.6658, 88.4865, 76.9072



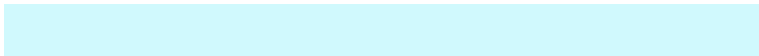
80.9772, 88.4865, 78.6404

Triad

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



84.6658, 88.4865, 76.9072



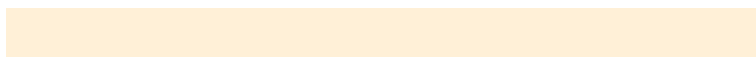
77.6698, 88.4865, 105.7016



90.2944, 88.4865, 108.6884

Complementary

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



84.6658, 88.4865, 76.9072



74.3704, 78.2585, 105.7934

Split Complementary

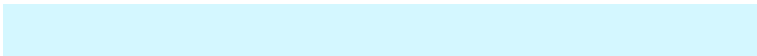
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.3098, 88.4865, 116.5293



84.6658, 88.4865, 76.9072



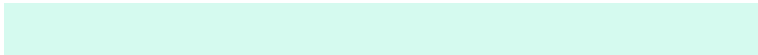
80.0338, 88.4865, 114.7156

Square

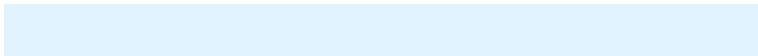
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.6658, 88.4865, 76.9072



77.0096, 88.4865, 94.7496



83.5442, 88.4865, 118.8136



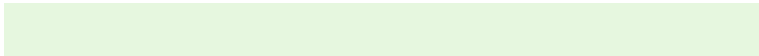
91.6207, 88.4865, 97.9618

Rectangle

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



84.6658, 88.4865, 76.9072



78.9773, 88.4865, 82.4039



83.5442, 88.4865, 118.8136



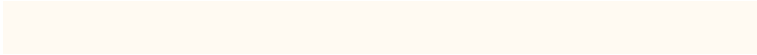
89.4474, 88.4865, 111.7798

Sweetspot

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



84.6679, 88.4903, 76.9091



91.5588, 96.1942, 97.9431



79.8709, 75.5938, 85.4908



19.4953, 20.4773, 20.6466



0.0000, 0.0000, 0.0000



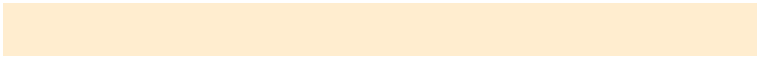
20.3446, 21.4041, 23.3091

Same Dimension

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



84.6679, 88.4903, 76.9091



82.6849, 86.2177, 71.0272



87.5700, 96.8121, 78.3624



18.9555, 19.8793, 18.9823



28.2123, 24.4357, 3.2296



2.8520, 2.5893, 0.3495

Inverse Universe

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



74.3704, 78.2585, 105.7934



70.5040, 74.1155, 105.1975



71.7658, 70.9857, 104.5269



17.5609, 18.4933, 22.8940



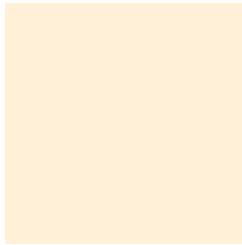
11.7290, 8.3676, 50.4315



1.2428, 1.0164, 4.9439

Previews

White Background



This preview shows how the XYZ color 84.6658, 88.4865, 76.9072 looks on a white background.

Color Contrast Check

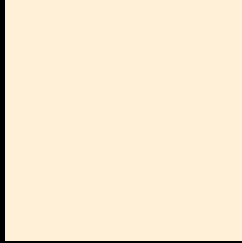
Large Text (above 18pt) WCAG AA × Fail

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 84.6658, 88.4865, 76.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

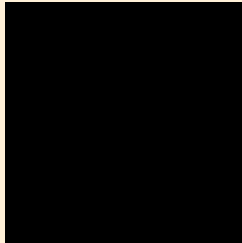
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.6658, 88.4865, 76.9072

Background



This preview shows how black text looks on a background with the XYZ color 84.6658, 88.4865, 76.9072.



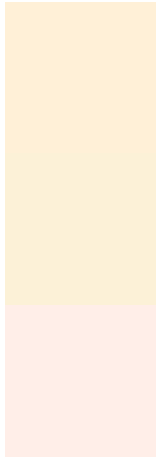
This preview shows how white text looks on a background with the XYZ color 84.6658, 88.4865,

76.9072.

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

84.6658, 88.4865, 76.9072

Protanopia

83.8659, 88.5123, 76.9544

Deuteranopia

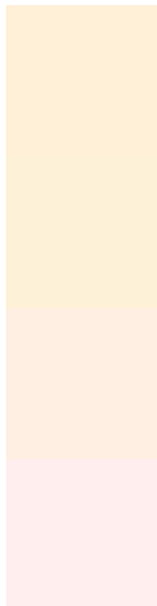
86.3800, 88.2353, 88.8223



Tritanopia

88.7795, 88.7305, 102.8900

Trichromacy



Original Color

84.6658, 88.4865, 76.9072

Protanomaly

84.2291, 88.6995, 76.9714

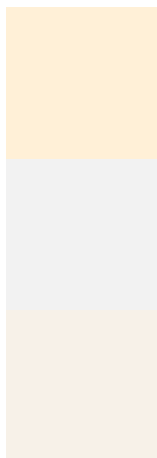
Deuteranomaly

85.8340, 88.4840, 84.5067

Tritanomaly

87.1006, 88.5235, 92.6168

Monochromacy



Original Color

84.6658, 88.4865, 76.9072

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3786, 88.5109, 88.9810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.6658, 88.4865, 76.9072 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(255, 240, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 215)  
}
```

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(255, 240, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 215) }
```

Border

The CSS property to change the border of an element to XYZ 84.6658, 88.4865, 76.9072 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(255, 240, 215) }
```


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

```
.border{ border-color:rgb(255, 240, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 84.6658, 88.4865, 76.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 215) }
```

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

```
.background{ background-color: rgb(255,  
240, 215) }
```

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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