

Converting Colors

XYZ(84.0183, 88.1040, 73.8793)

Have a look what the booklet for
XYZ(84.0183, 88.1040, 73.8793)
contains.

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Color

**XYZ(84.1580, 88.2833,
74.2328)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D3
RGB	255, 240, 211
RGB Percent	100%, 94%, 83%
CMY	0.0000, 0.0588, 0.1725
CMYK	0.00, 0.06, 0.17, 0.00
HSL	40°, 100%, 91%
HSV	40°, 17%, 100%
XYZ	84.1580, 88.2833, 74.2328
YIQ	241.1790, 18.2490, -5.8390

Conversions

Conversions Part 2

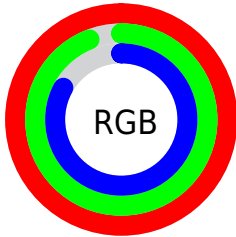
Format	Color
R_{YB}	234, 255, 211
Decimal	16773331
CIE _{Lab}	95.28, 0.47, 15.84
CIE _{LCh}	95, 15.844, 88.297
Yxy	88.2833, 0.3412, 0.3579
Android (android.graphics.Color)	4294963411 (0xFFFFF0D3)
YUV	241.1790, -14.8782, 12.1210
Hunter-Lab	93.9592, -4.5485, 18.9292

Details

The XYZ color **84.1580, 88.2833, 74.2328** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **72.1097, 75.4595, 105.3723**, and the grayscale version is **83.8553, 88.2223, 96.0740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.4299, 48.6870, 38.4029** is the 20% darker color. If you saturate the color by 10%, you get **78.7145, 82.1130, 57.8779**, and if you desaturate by 10%, it is **90.2352, 94.9090, 93.3031**.

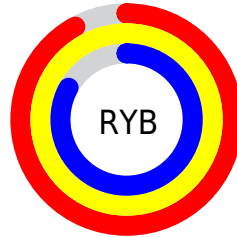
Distribution



Red (100%)

Green (94%)

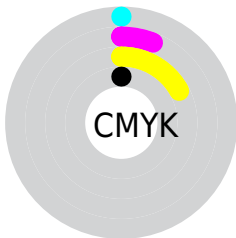
Blue (83%)



Red (92%)

Yellow (100%)

Blue (83%)

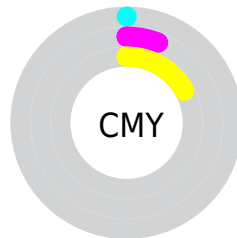


Cyan (0%)

Magenta (6%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.1580, 88.2833, 74.2328 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 84.1580, 88.2833, 74.2328 by changing the saturation by 10% instead.


 84.1580, 88.2833,
74.2328

 84.1580, 88.2833,
74.2328

497.3635,
522.4305, 494.4613

 63.4660, 66.5577,
54.4867

138.1163,
144.9515, 126.9629

 46.4784, 48.7253,
38.5951


172.1133,
180.6629, 160.7838

 32.8297, 34.4016,
26.1394


211.2761,
221.8051, 200.1335

 22.1546, 23.2023,
16.7013

255.9700,
268.7623, 245.4305

 14.0878, 14.7430,
9.8620

306.5603,
321.9191, 297.0932

 8.2639, 8.6392,
5.2032

363.4124,

 4.3175, 4.5066,

381.6598, 355.5402

2.3061

426.8917,
448.3688, 421.1901

■ 1.8833, 1.9608,
0.7347

■ 0.5671, 0.5845,
0.0000

■ 84.1580, 88.2833,
74.2328

■ 84.1580, 88.2833,
74.2328

■ 78.7145, 82.1130,
57.8779

■ 90.2352, 94.9090,
93.3031

■ 73.8732, 76.3740,
44.1067

95.0500, 100.0000,
108.9000

■ 69.6086, 71.0561,
32.7847

■ 65.8907, 66.1447,
23.7629

■ 62.6864, 61.6236,
16.8762

■ 59.9584, 57.4748,
11.9368

■ 57.6630, 53.6780,
8.7242

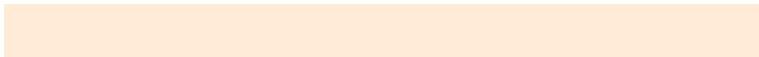
■ 55.7444, 50.2075,
6.9540

■ 55.2611, 49.3023,
6.6037

Harmonies

Analogous

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



88.3567, 88.2833, 77.2551



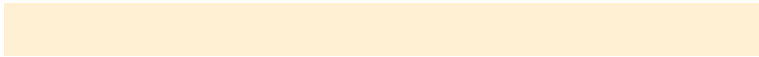
84.1580, 88.2833, 74.2328



80.0303, 88.2833, 76.6449

Triad

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



84.1580, 88.2833, 74.2328



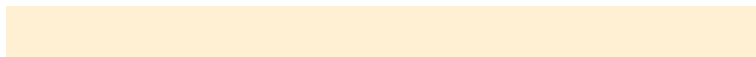
76.8000, 88.2833, 107.8620



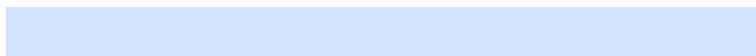
91.1857, 88.2833, 109.1911

Complementary

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



84.1580, 88.2833, 74.2328



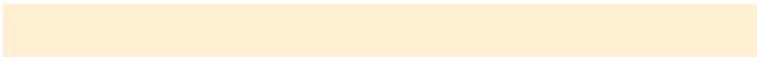
72.1097, 75.4595, 105.3723

Split Complementary

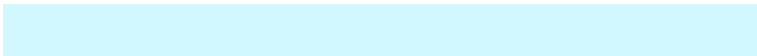
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9144, 88.2833, 118.6554



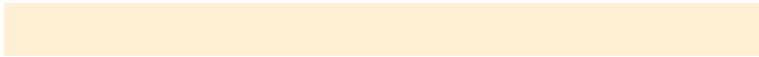
84.1580, 88.2833, 74.2328



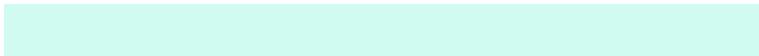
79.6163, 88.2833, 117.8428

Square

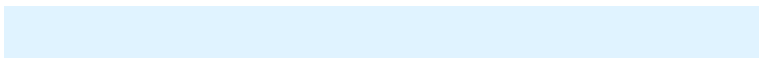
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.1580, 88.2833, 74.2328



75.8706, 88.2833, 95.4195



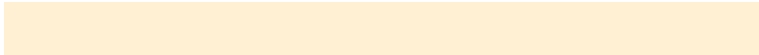
83.6637, 88.2833, 121.9478



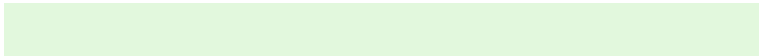
92.4995, 88.2833, 96.8350

Rectangle

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



84.1580, 88.2833, 74.2328



77.8544, 88.2833, 81.1372



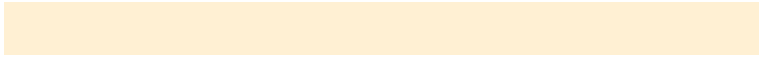
83.6637, 88.2833, 121.9478



90.2731, 88.2833, 112.8545

Sweetspot

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



84.1600, 88.2871, 74.2347



91.6941, 96.4648, 97.9882



78.3173, 73.3625, 82.2731



19.5282, 20.5431, 20.6576



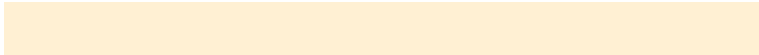
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

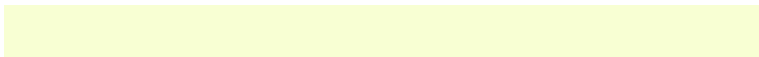
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.1600, 88.2871, 74.2347



82.0478, 85.9226, 67.7966



86.3716, 96.2529, 75.6557



19.0094, 19.9870, 19.0003



29.0193, 26.0497, 3.4986



2.9270, 2.7393, 0.3745

Inverse Universe

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



72.1097, 75.4595, 105.3723



67.7728, 70.7285, 104.6877



70.1392, 68.6535, 104.1625



17.5090, 18.3896, 22.8767



11.3319, 7.5733, 50.2991



1.2000, 0.9307, 4.9297

Previews

White Background



This preview shows how the XYZ color 84.1580, 88.2833, 74.2328 looks on a white background.

Color Contrast Check

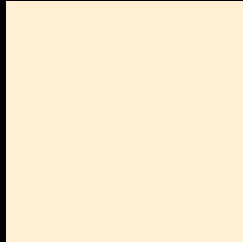
Large Text (above 18pt) WCAG AA × Fail

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 84.1580, 88.2833, 74.2328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

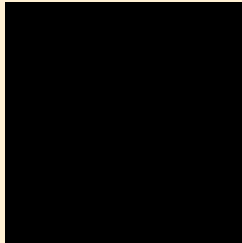
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.1580, 88.2833, 74.2328

Background



This preview shows how black text looks on a background with the XYZ color 84.1580, 88.2833, 74.2328.



This preview shows how white text looks on a background with the XYZ color 84.1580, 88.2833, 74.2328.

74.2328.

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

84.1580, 88.2833, 74.2328

Protanopia

83.7212, 88.4964, 74.2969

Deuteranopia

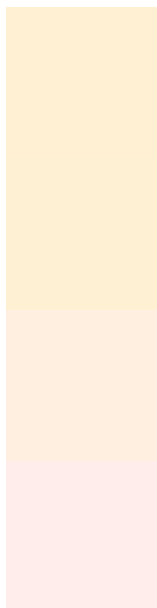
86.2383, 88.1786, 88.0762



Tritanopia

88.3343, 88.0905, 101.9700

Trichromacy



Original Color

84.1580, 88.2833, 74.2328

Protanomaly

84.0862, 88.6846, 74.3140

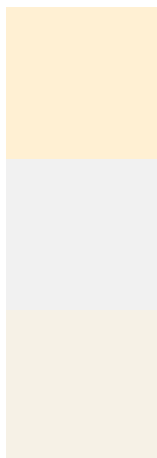
Deuteranomaly

85.5610, 88.3748, 83.0695

Tritanomaly

86.5196, 87.8265, 90.9894

Monochromacy



Original Color

84.1580, 88.2833, 74.2328

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.7443, 88.2166, 87.4766

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.1580, 88.2833, 74.2328 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 211) }
```

Border

The CSS property to change the border of an element to XYZ 84.1580, 88.2833, 74.2328 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, 211) }
```


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

```
.border{ border-color:rgb(255, 240, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 84.1580, 88.2833, 74.2328 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, 211) }
```

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

```
.background{ background-color: rgb(255,  
240, 211) }
```

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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