

Converting Colors

XYZ(65.8223, 64.5088, 28.3830)

Have a look what the booklet for
XYZ(65.8223, 64.5088, 28.3830)
contains.

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Color

**XYZ(65.8283, 64.5140,
28.3849)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC97D
RGB	255, 201, 125
RGB Percent	100%, 79%, 49%
CMY	0.0000, 0.2117, 0.5098
CMYK	0.00, 0.21, 0.51, 0.00
HSL	35°, 100%, 75%
HSV	35°, 51%, 100%
XYZ	65.8283, 64.5140, 28.3849
YIQ	208.4820, 56.5800, -12.1880

Conversions

Conversions Part 2

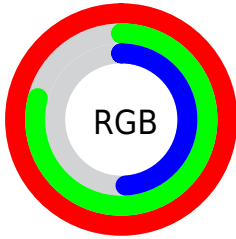
Format	Color
R_{YB}	217, 255, 125
Decimal	16763261
CIE _{Lab}	84.23, 10.34, 45.05
CIE _{LCh}	84, 46.224, 77.071
Yxy	64.5140, 0.4147, 0.4064
Android (android.graphics.Color)	4294953341 (0xFFFFC97D)
YUV	208.4820, -41.1566, 40.7963
Hunter-Lab	80.3206, 5.7320, 35.2716

Details

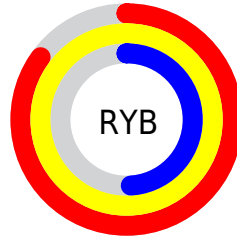
The XYZ color **65.8283, 64.5140, 28.3849** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.6267, 43.8182, 100.8184**, and the grayscale version is **60.5020, 63.6528, 69.3179**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **34.4347, 33.0976, 11.0521** is the 20% darker color. If you saturate the color by 10%, you get **62.0197, 59.1777, 20.0843**, and if you desaturate by 10%, it is **70.2285, 70.3643, 38.9468**.

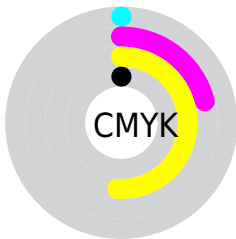
Distribution



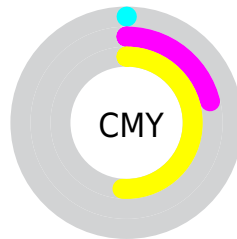
- Red (100%)
- Green (79%)
- Blue (49%)



- Red (85%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8283, 64.5140, 28.3849 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 65.8283, 64.5140, 28.3849 by changing the saturation by 10% instead.

65.8283, 64.5140,
28.3849

65.8283, 64.5140,
28.3849

435.2609,
441.0434, 308.2712

48.4002, 47.0671,
18.3744

112.2990,
111.3509, 58.1288

34.3565, 33.0887,
11.0469

142.0723,
141.5096, 78.6994

23.3318, 22.1944,
5.9838

176.6913,
176.6744, 103.6271

14.9607, 13.9998,
2.7666

216.5215,
217.2297, 133.3304

8.8780, 8.1205,
0.9767

261.9282,
263.5599, 168.2280

4.7181, 4.1722,
0.0000

313.2768,

2.1159, 1.7703,

316.0493, 208.7382

0.0000

370.9326,
375.0823, 255.2798

■ 0.6978, 0.4686,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.8283, 64.5140,
28.3849

■ 65.8283, 64.5140,
28.3849

■ 62.0197, 59.1777,
20.0843

■ 70.2285, 70.3643,
38.9468

■ 58.7618, 54.3261,
13.8679

■ 75.2480, 76.7376,
51.9212

■ 56.0152, 49.9404,
9.5381

■ 80.9183, 83.6540,
67.4504

■ 53.7313, 45.9953,
6.8568

■ 87.2670, 91.1296,
85.6647

■ 52.0013, 42.7829,
5.5172

94.3200, 99.1796,
106.6854

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



75.7238, 64.5140, 36.5286



65.8283, 64.5140, 28.3849



55.7204, 64.5140, 28.9652

Triad

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



65.8283, 64.5140, 28.3849



44.3631, 64.5140, 88.1251



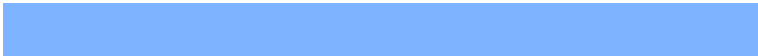
76.8878, 64.5140, 116.0532

Complementary

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



65.8283, 64.5140, 28.3849



42.6267, 43.8182, 100.8184

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.



67.2797, 64.5140, 139.0786



65.8283, 64.5140, 28.3849



48.8670, 64.5140, 120.1266

Square

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



65.8283, 64.5140, 28.3849



44.0669, 64.5140, 58.3733



57.0198, 64.5140, 140.7482



82.5709, 64.5140, 83.6256

Rectangle

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



65.8283, 64.5140, 28.3849



50.2032, 64.5140, 34.1864



57.0198, 64.5140, 140.7482



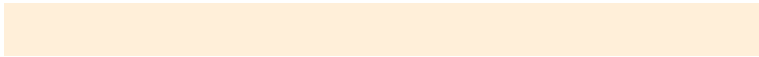
73.9644, 64.5140, 125.4991

Sweetspot

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



65.8299, 64.5171, 28.3862



84.6316, 88.0562, 78.0113



56.7274, 39.1891, 47.3112



17.8285, 18.5105, 15.8769



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.



65.8299, 64.5171, 28.3862



62.0127, 59.1675, 20.0695



76.8276, 92.2633, 33.1621



18.8919, 19.7519, 18.9611



27.3228, 22.6568, 2.9331



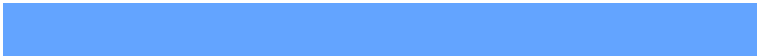
2.7682, 2.4218, 0.3215

Inverse Universe

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



42.6267, 43.8182, 100.8184



36.5303, 36.4689, 99.7216



35.5104, 27.1082, 97.9681



17.6228, 18.6172, 22.9146



12.2588, 9.4273, 50.6081



1.2984, 1.1275, 4.9625

Previews

White Background



This preview shows how the XYZ color 65.8283, 64.5140, 28.3849 looks on a white background.

Color Contrast Check

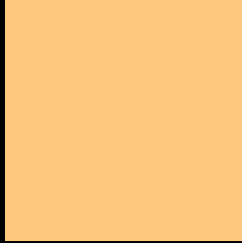
Large Text (above 18pt) WCAG AA × Fail

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 65.8283, 64.5140, 28.3849 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 65.8283, 64.5140, 28.3849

Background



This preview shows how black text looks on a background with the XYZ color 65.8283, 64.5140, 28.3849.



This preview shows how white text looks on a background with the XYZ color 65.8283, 64.5140,

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

65.8283, 64.5140, 28.3849

Protanopia

59.6422, 64.5012, 30.0754

Deuteranopia

65.8925, 64.5396, 28.7231



Tritanopia

71.7943, 64.3486, 67.6680

Trichromacy



Original Color

65.8283, 64.5140, 28.3849

Protanomaly

61.8057, 64.5349, 29.6210

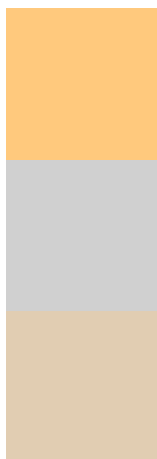
Deuteranomaly

65.8925, 64.5396, 28.7231

Tritanomaly

69.1421, 64.3668, 50.3748

Monochromacy



Original Color

65.8283, 64.5140, 28.3849

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.9185, 62.8845, 51.0467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8283, 64.5140, 28.3849 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, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 125)  
}
```

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, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 125) }
```

Border

The CSS property to change the border of an element to XYZ 65.8283, 64.5140, 28.3849 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, 201, 125) }
```


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

```
.border{ border-color:rgb(255, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8283, 64.5140, 28.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 125) }
```

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

```
.background{ background-color: rgb(255,  
201, 125) }
```

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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