

Converting Colors

XYZ(65.2058, 63.2582, 28.2105)

Have a look what the booklet for
XYZ(65.2058, 63.2582, 28.2105)
contains.

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Color

**XYZ(65.1358, 63.1288,
28.1541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC67D
RGB	255, 198, 125
RGB Percent	100%, 78%, 49%
CMY	0.0000, 0.2235, 0.5098
CMYK	0.00, 0.22, 0.51, 0.00
HSL	34°, 100%, 75%
HSV	34°, 51%, 100%
XYZ	65.1358, 63.1288, 28.1541
YIQ	206.7210, 57.4050, -10.6190

Conversions

Conversions Part 2

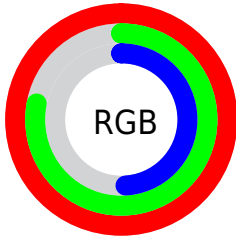
Format	Color
R _Y B	227, 255, 125
Decimal	16762493
CIE Lab	83.51, 11.90, 44.15
CIE LCh	84, 45.729, 74.917
Yxy	63.1288, 0.4164, 0.4036
Android (android.graphics.Color)	4294952573 (0xFFFFC67D)
YUV	206.7210, -40.2885, 42.3407
Hunter-Lab	79.4536, 7.2898, 34.6084

Details

The XYZ color **65.1358, 63.1288, 28.1541** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.2348, 45.0342, 101.0214**, and the grayscale version is **59.3551, 62.4462, 68.0039**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **33.9742, 32.1767, 10.8987** is the 20% darker color. If you saturate the color by 10%, you get **61.2498, 57.6377, 19.8276**, and if you desaturate by 10%, it is **69.6317, 69.1705, 38.7479**.

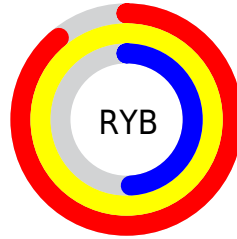
Distribution



Red (100%)

Green (78%)

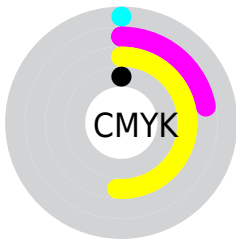
Blue (49%)



Red (89%)

Yellow (100%)

Blue (49%)

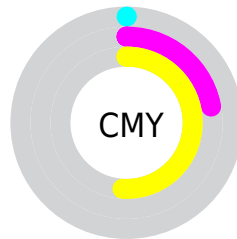


Cyan (0%)

Magenta (22%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1358, 63.1288, 28.1541 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 65.1358, 63.1288, 28.1541 by changing the saturation by 10% instead.


 65.1358, 63.1288,
28.1541

 65.1358, 63.1288,
28.1541


432.8173,
436.0368, 307.1376


 47.8363, 45.9454,
18.2018


 111.3097,
109.3553, 57.7564

 33.9080, 32.2027,
10.9240

 140.9148,
139.1672, 78.2436

 22.9855, 21.5164,
5.9022


 175.3525,
173.9574, 103.0794

 14.7034, 13.5020,
2.7179

214.9882,
214.1103, 132.6824

 8.6965, 7.7751,
0.9524

260.1871,
260.0103, 167.4712

 4.5992, 3.9514,
0.0000

311.3147,

 2.0464, 1.6464,

312.0418, 207.8643

0.0000

368.7363,
370.5892, 254.2803

■ 0.6598, 0.3886,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1358, 63.1288,
28.1541

■ 65.1358, 63.1288,
28.1541

■ 61.2498, 57.6377,
19.8276

■ 69.6317, 69.1705,
38.7479

■ 57.9323, 52.6669,
13.5913

■ 74.7660, 75.7733,
51.7606

■ 55.1432, 48.1961,
9.2474

■ 80.5706, 82.9584,
67.3346

■ 52.8330, 44.1987,
6.5573

■ 87.0738, 90.7429,
85.6005

■ 51.0929, 40.9660,
5.2143

94.3019, 99.1433,
106.6796

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



74.6436, 63.1288, 36.7746



65.1358, 63.1288, 28.1541



55.1964, 63.1288, 28.1313

Triad

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



65.1358, 63.1288, 28.1541



43.3026, 63.1288, 83.8772



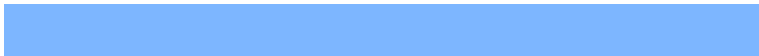
74.5979, 63.1288, 115.4645

Complementary

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



65.1358, 63.1288, 28.1541



43.2348, 45.0342, 101.0214

Split Complementary

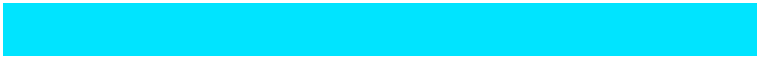
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0788, 63.1288, 136.6983



65.1358, 63.1288, 28.1541



47.4124, 63.1288, 115.3048

Square

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



65.1358, 63.1288, 28.1541



43.3143, 63.1288, 55.4033



55.1454, 63.1288, 136.6329



80.5047, 63.1288, 84.0537

Rectangle

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



65.1358, 63.1288, 28.1541



49.6741, 63.1288, 32.8010



55.1454, 63.1288, 136.6329



71.6706, 63.1288, 124.3712

Sweetspot

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



65.1373, 63.1318, 28.1553



84.3736, 87.5401, 77.9253



57.1734, 39.3676, 49.6591



17.7663, 18.3862, 15.8562



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.



65.1373, 63.1318, 28.1553



61.2425, 57.6270, 19.8128



78.3507, 93.0486, 33.2334



18.8557, 19.6796, 18.9491



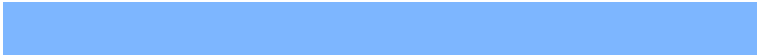
26.8485, 21.7083, 2.7751



2.7230, 2.3314, 0.3065

Inverse Universe

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



43.2348, 45.0342, 101.0214



37.1823, 37.7728, 99.9389



34.8219, 26.7533, 97.9362



17.6583, 18.6881, 22.9264



12.5900, 10.0896, 50.7185



1.3324, 1.1954, 4.9738

Previews

White Background



This preview shows how the XYZ color 65.1358, 63.1288, 28.1541 looks on a white background.

Color Contrast Check

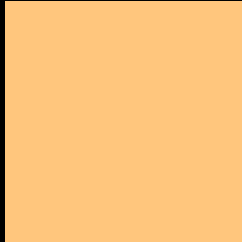
Large Text (above 18pt) WCAG AA × Fail

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 65.1358, 63.1288, 28.1541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

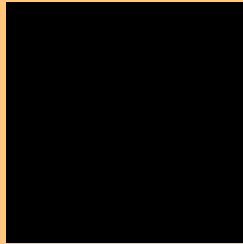
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1358, 63.1288, 28.1541

Background



This preview shows how black text looks on a background with the XYZ color 65.1358, 63.1288, 28.1541.



This preview shows how white text looks on a background with the XYZ color 65.1358, 63.1288,

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

65.1358, 63.1288, 28.1541

Protanopia

58.1969, 63.0276, 29.8671

Deuteranopia

64.6331, 63.2102, 28.1963



Tritanopia

70.9887, 63.3189, 65.6070

Trichromacy



Original Color

65.1358, 63.1288, 28.1541

Protanomaly

60.4142, 62.7488, 29.3496

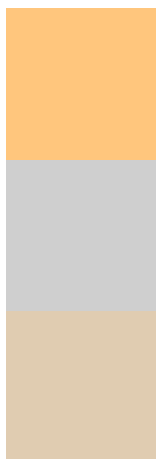
Deuteranomaly

64.9981, 63.3983, 28.2134

Tritanomaly

68.2696, 62.9387, 49.1076

Monochromacy



Original Color

65.1358, 63.1288, 28.1541

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2691, 62.2073, 50.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1358, 63.1288, 28.1541 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, 198, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 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, 198, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 125) }
```

Border

The CSS property to change the border of an element to XYZ 65.1358, 63.1288, 28.1541 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, 198, 125) }
```


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

```
.border{ border-color:rgb(255, 198, 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, 198, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1358, 63.1288, 28.1541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 125) }
```

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

```
.background{ background-color: rgb(255,  
198, 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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