

Converting Colors

XYZ(82.2268, 72.0947, 29.9985)

Have a look what the booklet for
XYZ(82.2268, 72.0947, 29.9985)
contains.

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Color

**XYZ(65.5597, 63.6654,
29.2553)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC780
RGB	255, 199, 128
RGB Percent	100%, 78%, 50%
CMY	0.0000, 0.2196, 0.4980
CMYK	0.00, 0.22, 0.50, 0.00
HSL	34°, 100%, 75%
HSV	34°, 50%, 100%
XYZ	65.5597, 63.6654, 29.2553
YIQ	207.6500, 56.1670, -10.2090

Conversions

Conversions Part 2

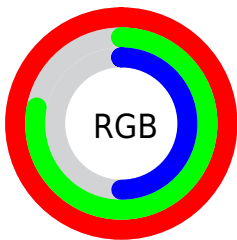
Format	Color
R_{YB}	228, 255, 128
Decimal	16762752
CIE Lab	83.79, 11.64, 43.00
CIE LCh	84, 44.546, 74.850
Yxy	63.6654, 0.4137, 0.4017
Android (android.graphics.Color)	4294952832 (0xFFFFC780)
YUV	207.6500, -39.2675, 41.5259
Hunter-Lab	79.7906, 7.0304, 34.1147

Details

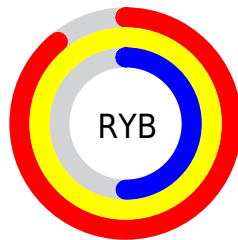
The XYZ color **65.5597, 63.6654, 29.2553** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.0917, 46.0881, 101.1794**, and the grayscale version is **59.9496, 63.0717, 68.6851**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **34.2299, 32.5224, 11.4945** is the 20% darker color. If you saturate the color by 10%, you get **61.5959, 58.0949, 20.6683**, and if you desaturate by 10%, it is **70.1394, 69.7930, 40.1295**.

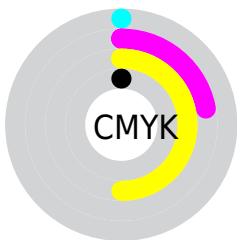
Distribution



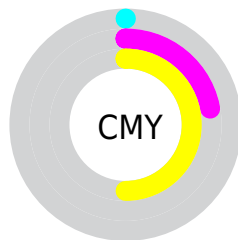
- Red (100%)
- Green (78%)
- Blue (50%)



- Red (89%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (50%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5597, 63.6654, 29.2553 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 65.5597, 63.6654, 29.2553 by changing the saturation by 10% instead.


 65.5597, 63.6654,
29.2553


 65.5597, 63.6654,
29.2553


434.3141,
437.9803, 312.5162


 48.1814, 46.3797,
19.0268


 111.9154,
110.1289, 59.5295

 34.1824, 32.5456,
11.5126


 141.6235,
140.0755, 80.4122

 23.1974, 21.7786,
6.2943


 176.1724,
175.0113, 105.6835

 14.8608, 13.6943,
2.9532

215.9272,
215.3205, 135.7618

 8.8074, 7.9083,
1.0708

261.2535,
261.3876, 171.0657

 4.6719, 4.0364,
0.0000

312.5164,

 2.0888, 1.6939,

313.5971, 212.0137

0.0000

370.0815,
372.3332, 259.0243

■ 0.6831, 0.4197,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.5597, 63.6654,
29.2553

■ 65.5597, 63.6654,
29.2553

■ 61.5959, 58.0949,
20.6683

■ 70.1394, 69.7930,
40.1295

■ 58.2072, 53.0512,
14.1936

■ 75.3634, 76.4880,
53.4404

■ 55.3539, 48.5142,
9.6370

■ 81.2633, 83.7718,
69.3294

■ 52.9878, 44.4574,
6.7658

■ 87.8671, 91.6614,
87.9256

■ 51.0339, 40.8437,
5.2083

95.0498, 99.9999,
108.9000

■ 50.9980, 40.7763,
5.1827

Harmonies

Analogous

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



74.8433, 63.6654, 37.8595



65.5597, 63.6654, 29.2553



55.8205, 63.6654, 29.2143

Triad

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



65.5597, 63.6654, 29.2553



44.0980, 63.6654, 84.0561



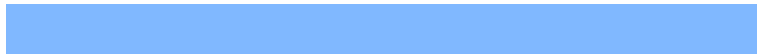
74.7631, 63.6654, 114.9286

Complementary

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



65.5597, 63.6654, 29.2553



44.0917, 46.0881, 101.1794

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.



65.4594, 63.6654, 135.4768



65.5597, 63.6654, 29.2553



48.1380, 63.6654, 114.6495

Square

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



65.5597, 63.6654, 29.2553



44.1186, 63.6654, 56.1797



55.7304, 63.6654, 135.3628



80.5336, 63.6654, 84.3662

Rectangle

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



65.5597, 63.6654, 29.2553



50.3921, 63.6654, 33.8579



55.7304, 63.6654, 135.3628



71.9035, 63.6654, 123.5606

Sweetspot

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



65.5612, 63.6685, 29.2566



84.3459, 87.4849, 77.9160



57.7322, 40.2079, 50.7006



17.7596, 18.3729, 15.8539



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.



65.5612, 63.6685, 29.2566



61.5240, 57.9907, 20.5210



78.5984, 93.1537, 34.2607



18.8518, 19.6718, 18.9478



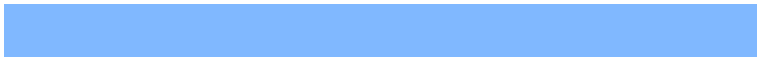
26.7990, 21.6093, 2.7585



2.7183, 2.3219, 0.3049

Inverse Universe

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



44.0917, 46.0881, 101.1794



37.8027, 38.5911, 100.0642



35.6571, 27.7561, 98.0855



17.6621, 18.6957, 22.9277



12.6268, 10.1633, 50.7308



1.3361, 1.2029, 4.9750

Previews

White Background



This preview shows how the XYZ color 65.5597, 63.6654, 29.2553 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 65.5597, 63.6654, 29.2553 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 65.5597, 63.6654, 29.2553

Background



This preview shows how black text looks on a background with the XYZ color 65.5597, 63.6654, 29.2553.



This preview shows how white text looks on a background with the XYZ color 65.5597, 63.6654,

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

65.5597, 63.6654, 29.2553

Protanopia

58.9602, 63.7609, 31.0293

Deuteranopia

65.0586, 63.7497, 29.2980



Tritanopia

71.3294, 63.8077, 66.3143

Trichromacy



Original Color

65.5597, 63.6654, 29.2553

Protanomaly

61.1880, 63.4785, 30.5003

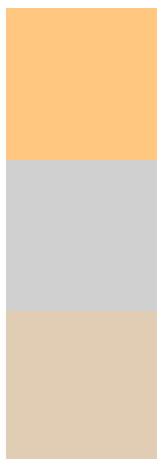
Deuteranomaly

65.4236, 63.9379, 29.3151

Tritanomaly

68.6909, 63.4645, 50.2244

Monochromacy



Original Color

65.5597, 63.6654, 29.2553

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.0193, 62.9249, 51.5775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5597, 63.6654, 29.2553 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, 199, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 128)  
}
```

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, 199, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 128) }
```

Border

The CSS property to change the border of an element to XYZ 65.5597, 63.6654, 29.2553 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, 199, 128) }
```


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

```
.border{ border-color:rgb(255, 199, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5597, 63.6654, 29.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 128) }
```

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

```
.background{ background-color: rgb(255,  
199, 128) }
```

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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