

Converting Colors

XYZ(77.5222, 69.2419, 29.6732)

Have a look what the booklet for
XYZ(77.5222, 69.2419, 29.6732)
contains.

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Color

**XYZ(65.1025, 62.7510,
29.1030)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC580
RGB	255, 197, 128
RGB Percent	100%, 77%, 50%
CMY	0.0000, 0.2274, 0.4980
CMYK	0.00, 0.23, 0.50, 0.00
HSL	33°, 100%, 75%
HSV	33°, 50%, 100%
XYZ	65.1025, 62.7510, 29.1030
YIQ	206.4760, 56.7170, -9.1630

Conversions

Conversions Part 2

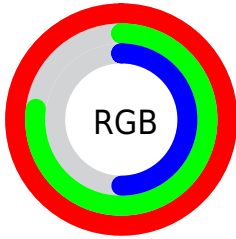
Format	Color
RYB	235, 255, 128
Decimal	16762240
CIELab	83.31, 12.68, 42.39
CIELCh	83, 44.251, 73.346
Yxy	62.7510, 0.4148, 0.3998
Android (android.graphics.Color)	4294952320 (0xFFFFC580)
YUV	206.4760, -38.6887, 42.5555
Hunter-Lab	79.2155, 8.0713, 33.6683

Details

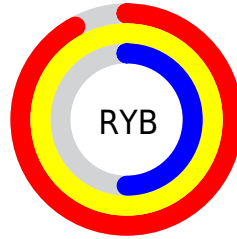
The XYZ color **65.1025, 62.7510, 29.1030** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.5102, 46.9251, 101.3188**, and the grayscale version is **59.1878, 62.2701, 67.8122**.

A 20% lighter version of the original color is **85.1253, 95.5210, 58.2068**, and **33.9270, 31.9165, 11.3935** is the 20% darker color. If you saturate the color by 10%, you get **61.0879, 57.0789, 20.4990**, and if you desaturate by 10%, it is **69.7461, 69.0064, 39.9985**.

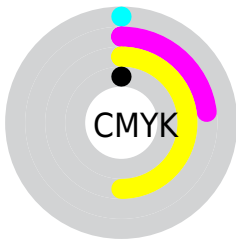
Distribution



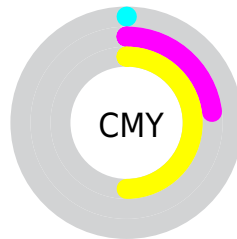
- Red (100%)
- Green (77%)
- Blue (50%)



- Red (92%)
- Yellow (100%)
- Blue (50%)



- Cyan (0%)
- Magenta (23%)
- Yellow (50%)
- Black (0%)





- Cyan (0%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1025, 62.7510, 29.1030 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 65.1025, 62.7510, 29.1030 by changing the saturation by 10% instead.


 65.1025, 62.7510,
29.1030

 65.1025, 62.7510,
29.1030


432.6996,
434.6652, 311.7768


 47.8092, 45.6398,
18.9125


 111.2621,
108.8102, 59.2848

 33.8864, 31.9617,
11.4309


 140.8591,
138.5270, 80.1132

 22.9688, 21.3322,
6.2396


 175.2881,
173.2144, 105.3247

 14.6911, 13.3671,
2.9202

214.9143,
213.2569, 135.3378

 8.6878, 7.6818,
1.0540

260.1033,
259.0389, 170.5710

 4.5936, 3.8920,
0.0000

311.2202,

 2.0431, 1.6133,

310.9446, 211.4428

0.0000

368.6306,
369.3586, 258.3719

0.6580, 0.3666,
0.0000

0.0000, 0.0000,
0.0000

65.1025, 62.7510,
29.1030

65.1025, 62.7510,
29.1030

61.0879, 57.0789,
20.4990

69.7461, 69.0064,
39.9985

57.6610, 51.9589,
14.0116

75.0476, 75.8564,
53.3353

54.7818, 47.3699,
9.4463

81.0390, 83.3232,
69.2548

52.4012, 43.2843,
6.5703

87.7488, 91.4248,
87.8863

■ 50.4440, 39.6639, 95.0498, 99.9999,
5.0116 108.9000

■ 50.4081, 39.5965,
4.9861

Harmonies

Analogous

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



74.1306, 62.7510, 38.0332



65.1025, 62.7510, 29.1030



55.4744, 62.7510, 28.6572

Triad

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



65.1025, 62.7510, 29.1030



43.3954, 62.7510, 81.2968



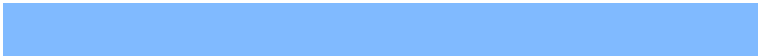
73.2612, 62.7510, 114.5417

Complementary

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



65.1025, 62.7510, 29.1030



44.5102, 46.9251, 101.3188

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.



64.0152, 62.7510, 133.9142



65.1025, 62.7510, 29.1030



47.1777, 62.7510, 111.5172

Square

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



65.1025, 62.7510, 29.1030



43.6193, 62.7510, 54.2403



54.4975, 62.7510, 132.6785



79.1766, 62.7510, 84.6589

Rectangle

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



65.1025, 62.7510, 29.1030



50.0423, 62.7510, 32.9394



54.4975, 62.7510, 132.6785



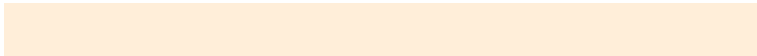
70.3991, 62.7510, 122.8177

Sweetspot

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



65.1040, 62.7540, 29.1042



84.1707, 87.1344, 77.8576



57.9576, 40.2982, 51.8877



17.7174, 18.2884, 15.8399



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.



65.1040, 62.7540, 29.1042



61.0151, 56.9730, 20.3514



79.3558, 93.5441, 34.2962



18.8272, 19.6226, 18.9396



26.4907, 20.9926, 2.6558



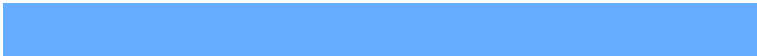
2.6886, 2.2625, 0.2950

Inverse Universe

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



44.5102, 46.9251, 101.3188



38.2567, 39.4992, 100.2155



35.3220, 27.5834, 98.0698



17.6863, 18.7443, 22.9358



12.8668, 10.6431, 50.8108



1.3604, 1.2515, 4.9831

Previews

White Background



This preview shows how the XYZ color 65.1025, 62.7510, 29.1030 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 65.1025, 62.7510, 29.1030 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 65.1025, 62.7510, 29.1030

Background



This preview shows how black text looks on a background with the XYZ color 65.1025, 62.7510, 29.1030.



This preview shows how white text looks on a background with the XYZ color 65.1025, 62.7510,

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

65.1025, 62.7510, 29.1030

Protanopia

58.0848, 62.9464, 30.9183

Deuteranopia

64.2352, 62.6421, 29.1277



Tritanopia

70.6503, 62.8334, 64.9043

Trichromacy



Original Color

65.1025, 62.7510, 29.1030

Protanomaly

60.6147, 62.8289, 30.4052

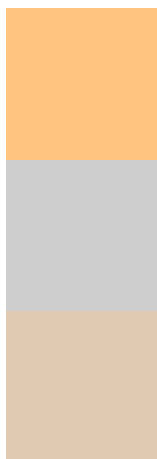
Deuteranomaly

64.5984, 62.8293, 29.1446

Tritanomaly

68.1464, 62.5345, 49.5530

Monochromacy



Original Color

65.1025, 62.7510, 29.1030

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.1323, 61.7735, 50.8736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1025, 62.7510, 29.1030 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, 197, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 197, 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, 197, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 197, 128) }
```

Border

The CSS property to change the border of an element to XYZ 65.1025, 62.7510, 29.1030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

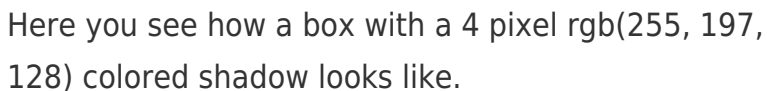
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 197, 128) }
```


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

```
.border{ border-color:rgb(255, 197, 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, 197, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 197, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 197, 128); box-shadow:4px 4px 4px 4px rgb(255, 197, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1025, 62.7510, 29.1030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 197, 128) }
```

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

```
.background{ background-color: rgb(255,  
197, 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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