

Converting Colors

XYZ(70.4935, 56.0736, 21.3132)

Have a look what the booklet for
XYZ(70.4935, 56.0736, 21.3132)
contains.

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Color

**XYZ(57.4019, 49.2530,
20.6687)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFA56C |
| RGB | 255, 165, 108 |
| RGB Percent | 100%, 65%, 42% |
| CMY | 0.0000, 0.3529, 0.5765 |
| CMYK | 0.00, 0.35, 0.58, 0.00 |
| HSL | 23°, 100%, 71% |
| HSV | 23°, 58%, 100% |
| XYZ | 57.4019, 49.2530, 20.6687 |
| YIQ | 185.4120, 71.9370, 1.3530 |

Conversions

Conversions Part 2

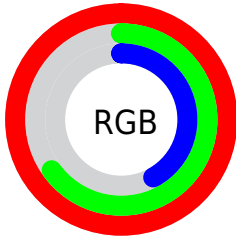
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 201, 108 |
| Decimal | 16754028 |
| CIE Lab | 75.61, 27.77, 43.00 |
| CIE LCh | 76, 51.191, 57.146 |
| Yxy | 49.2530, 0.4508, 0.3868 |
| Android (android.graphics.Color) | 4294944108 (0xFFFFA56C) |
| YUV | 185.4120, -38.1641, 61.0287 |
| Hunter-Lab | 70.1805, 23.1826, 31.6650 |

Details

The XYZ color **57.4019, 49.2530, 20.6687** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.4272, 50.7936, 102.0698**, and the grayscale version is **46.5228, 48.9457, 53.3018**.

A 20% lighter version of the original color is **73.2662, 75.0196, 44.3369**, and **28.9427, 23.5954, 7.1666** is the 20% darker color. If you saturate the color by 10%, you get **53.5922, 43.4972, 13.6543**, and if you desaturate by 10%, it is **61.9545, 55.8600, 29.8891**.

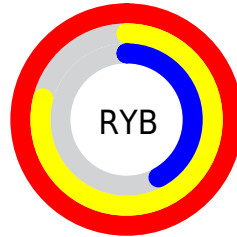
Distribution



Red (100%)

Green (65%)

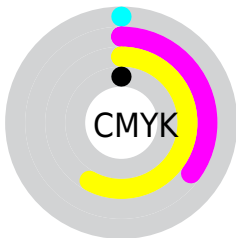
Blue (42%)



Red (100%)

Yellow (79%)

Blue (42%)

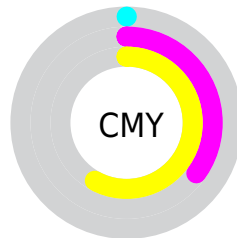


Cyan (0%)

Magenta (35%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4019, 49.2530, 20.6687 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 57.4019, 49.2530, 20.6687 by changing the saturation by 10% instead.


 57.4019, 49.2530,
20.6687

 57.4019, 49.2530,
20.6687


404.9435,
383.7375, 268.2355

 41.5694, 34.8202,
12.6932


 100.1794, 89.0671,
45.4091


 28.9539, 23.5244,
7.0894


 127.8550,
115.2172, 63.0111

 19.1901, 14.9812,
3.4388


 160.2091,
146.0419, 84.6589

 11.9125, 8.8062,
1.3228

 197.6070,
181.9255, 110.7712

 6.7559, 4.6150,
0.0804

240.4140,
223.2525, 141.7665

 3.3549, 2.0232,
0.0000

288.9955,

 1.3441, 0.6209,

270.4072, 178.0633

0.0000

343.7169,
323.7741, 220.0801

■ 0.2159, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4019, 49.2530,
20.6687

■ 57.4019, 49.2530,
20.6687

■ 53.5922, 43.4972,
13.6543

■ 61.9545, 55.8600,
29.8891

■ 50.4738, 38.5461,
8.6510


■ 67.2896, 63.3466,
41.4822

■ 47.9927, 34.3593,
5.4338

■ 73.4478, 71.7489,
55.6013

■ 46.0795, 30.8868,
3.7054

■ 80.4656, 81.0986,
72.3864

 45.6910, 30.1624,
3.4137

 88.3771, 91.4258,
91.9666

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.



64.9559, 49.2530, 33.1822



57.4019, 49.2530, 20.6687



47.7261, 49.2530, 16.5884

Triad

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



57.4019, 49.2530, 20.6687



30.8820, 49.2530, 51.0731



55.6215, 49.2530, 114.6964

Complementary

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



57.4019, 49.2530, 20.6687



44.4272, 50.7936, 102.0698

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.



45.9126, 49.2530, 124.3839



57.4019, 49.2530, 20.6687



32.4092, 49.2530, 81.1101

Square

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



57.4019, 49.2530, 20.6687



33.1239, 49.2530, 30.0223



37.6145, 49.2530, 110.4397



63.8345, 49.2530, 87.1817

Rectangle

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



57.4019, 49.2530, 20.6687



41.6486, 49.2530, 17.6402



37.6145, 49.2530, 110.4397



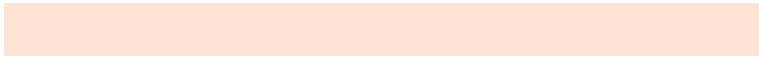
52.3887, 49.2530, 120.4785

Sweetspot

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



57.4031, 49.2555, 20.6696



80.9500, 81.7366, 73.5663



56.8708, 36.0927, 57.7894



17.0072, 17.0737, 14.9695



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.



57.4031, 49.2555, 20.6696



53.1309, 42.7808, 12.8639



74.4774, 83.4042, 26.3611



18.5870, 19.1421, 18.8595



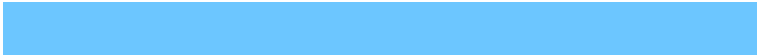
24.0087, 16.0286, 1.8284



2.4398, 1.7651, 0.2121

Inverse Universe

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



44.4272, 50.7936, 102.0698



38.9995, 44.3262, 101.1081



31.5873, 25.1138, 97.7899



17.9288, 19.2292, 23.0166



15.8025, 16.5147, 51.7894



1.6447, 1.8202, 5.0779

Previews

White Background



This preview shows how the XYZ color 57.4019, 49.2530, 20.6687 looks on a white background.

Color Contrast Check

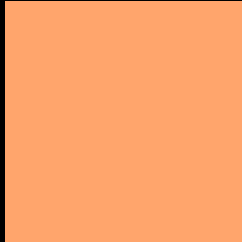
Large Text (above 18pt) WCAG AA × Fail

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 57.4019, 49.2530, 20.6687 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 57.4019, 49.2530, 20.6687

Background



This preview shows how black text looks on a background with the XYZ color 57.4019, 49.2530, 20.6687.



This preview shows how white text looks on a background with the XYZ color 57.4019, 49.2530,

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

57.4019, 49.2530, 20.6687

Protanopia

45.8245, 49.6390, 23.6891

Deuteranopia

50.4651, 49.3547, 20.2312



Tritanopia

61.0665, 49.3039, 44.3283

Trichromacy



Original Color

57.4019, 49.2530, 20.6687

Protanomaly

49.5322, 49.1204, 22.4933

Deuteranomaly

52.8050, 49.1049, 20.3307

Tritanomaly

59.4268, 49.2072, 33.9696

Monochromacy



Original Color

57.4019, 49.2530, 20.6687

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.5845, 47.9767, 38.5980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4019, 49.2530, 20.6687 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, 165, 108)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 108)  
}
```

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, 165, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 108) }
```

Border

The CSS property to change the border of an element to XYZ 57.4019, 49.2530, 20.6687 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, 165, 108) }
```


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

```
.border{ border-color:rgb(255, 165, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 108); box-shadow:4px 4px 4px 4px rgb(255, 165, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4019, 49.2530, 20.6687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 108) }
```

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

```
.background{ background-color: rgb(255,  
165, 108) }
```

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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