

Converting Colors

XYZ(76.5316, 59.2004, 22.2465)

Have a look what the booklet for
XYZ(76.5316, 59.2004, 22.2465)
contains.

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Color

**XYZ(57.5096, 49.2961,
21.2359)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA56E
RGB	255, 165, 110
RGB Percent	100%, 65%, 43%
CMY	0.0000, 0.3529, 0.5686
CMYK	0.00, 0.35, 0.57, 0.00
HSL	23°, 100%, 72%
HSV	23°, 57%, 100%
XYZ	57.5096, 49.2961, 21.2359
YIQ	185.6400, 71.2950, 1.9750

Conversions

Conversions Part 2

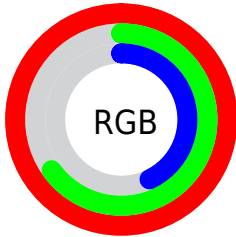
Format	Color
R_{YB}	255, 199, 110
Decimal	16754030
CIE _{Lab}	75.64, 27.92, 42.01
CIE _{LCh}	76, 50.440, 56.390
Yxy	49.2961, 0.4491, 0.3850
Android (android.graphics.Color)	4294944110 (0xFFFFA56E)
YUV	185.6400, -37.2905, 60.8287
Hunter-Lab	70.2112, 23.3388, 31.2151

Details

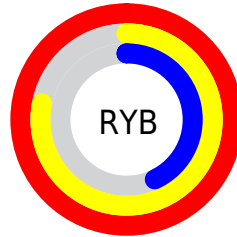
The XYZ color **57.5096, 49.2961, 21.2359** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.1334, 51.8409, 102.2347**, and the grayscale version is **46.6459, 49.0752, 53.4428**.

A 20% lighter version of the original color is **73.4441, 75.0907, 45.2734**, and **28.9956, 23.6165, 7.4451** is the 20% darker color. If you saturate the color by 10%, you get **53.6358, 43.4600, 14.0527**, and if you desaturate by 10%, it is **62.1384, 56.0035, 30.6421**.

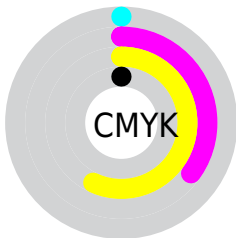
Distribution



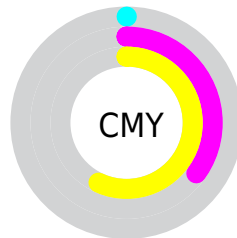
- Red (100%)
- Green (65%)
- Blue (43%)



- Red (100%)
- Yellow (78%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (57%)
- Black (0%)





- Cyan (0%)
- Magenta (35%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5096, 49.2961, 21.2359 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 57.5096, 49.2961, 21.2359 by changing the saturation by 10% instead.


 57.5096, 49.2961,
21.2359

 57.5096, 49.2961,
21.2359


405.3395,
383.9068, 271.3516

 41.6563, 34.8544,
13.1036


 100.3355, 89.1311,
46.3657


 29.0222, 23.5508,
7.3684

 128.0387,
115.2931, 64.2003

 19.2419, 15.0007,
3.6116


 160.4226,
146.1308, 86.1061

 11.9503, 8.8199,
1.4148

 197.8525,
182.0285, 112.5016

 6.7818, 4.6239,
0.1532

240.6938,
223.3705, 143.8053

 3.3711, 2.0283,
0.0000

289.3118,

 1.3529, 0.6238,

270.5413, 180.4359

0.0000

344.0719,
323.9253, 222.8118

■ 0.2223, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5096, 49.2961,
21.2359

■ 57.5096, 49.2961,
21.2359

■ 53.6358, 43.4600,
14.0527

■ 62.1384, 56.0035,
30.6421

■ 50.4654, 38.4479,
8.8993

■ 67.5621, 63.6115,
42.4364

■ 47.9443, 34.2185,
5.5539

■ 73.8214, 72.1570,
56.7714

■ 46.0057, 30.7216,
3.7349

■ 80.9532, 81.6726,
73.7862

■ 45.4900, 29.7604,
3.3467

■ 88.9919, 92.1890,
93.6094

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.



64.8437, 49.2961, 33.9146



57.5096, 49.2961, 21.2359



47.9939, 49.2961, 16.9801

Triad

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



57.5096, 49.2961, 21.2359



31.1261, 49.2961, 50.5024



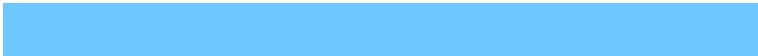
55.2942, 49.2961, 114.1514

Complementary

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



57.5096, 49.2961, 21.2359



45.1334, 51.8409, 102.2347

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.



45.7332, 49.2961, 123.0644



57.5096, 49.2961, 21.2359



32.5441, 49.2961, 79.9202

Square

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



57.5096, 49.2961, 21.2359



33.4387, 49.2961, 29.9511



37.6041, 49.2961, 108.8810



63.4500, 49.2961, 87.4567

Rectangle

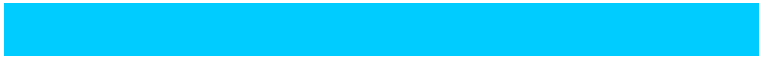
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



57.5096, 49.2961, 21.2359



41.9698, 49.2961, 17.9193



37.6041, 49.2961, 108.8810



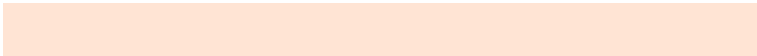
52.1041, 49.2961, 119.6419

Sweetspot

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



57.5108, 49.2986, 21.2368



80.8491, 81.5349, 73.5327



57.4569, 36.6685, 59.8233



16.9835, 17.0262, 14.9616



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.



57.5108, 49.2986, 21.2368



53.2407, 42.8489, 13.3676



73.9538, 82.1847, 26.7178



18.5741, 19.1163, 18.8552



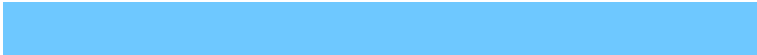
23.9020, 15.8152, 1.7929



2.4286, 1.7425, 0.2083

Inverse Universe

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



45.1334, 51.8409, 102.2347



39.7400, 45.4859, 101.2929



32.3750, 26.3240, 97.9819



17.9421, 19.2558, 23.0210



15.9925, 16.8946, 51.8527



1.6626, 1.8558, 5.0839

Previews

White Background



This preview shows how the XYZ color 57.5096, 49.2961, 21.2359 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 57.5096, 49.2961, 21.2359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

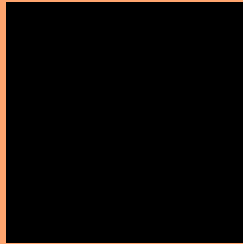
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5096, 49.2961, 21.2359

Background



This preview shows how black text looks on a background with the XYZ color 57.5096, 49.2961, 21.2359.



This preview shows how white text looks on a background with the XYZ color 57.5096, 49.2961,

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

57.5096, 49.2961, 21.2359

Protanopia

45.6689, 49.5452, 24.2957

Deuteranopia

50.2528, 49.2332, 20.7643



Tritanopia

61.1615, 49.3419, 44.8285

Trichromacy



Original Color

57.5096, 49.2961, 21.2359

Protanomaly

49.3388, 49.0076, 23.0786

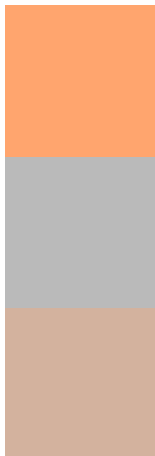
Deuteranomaly

52.5754, 48.9744, 20.8693

Tritanomaly

59.5851, 49.2706, 34.8035

Monochromacy



Original Color

57.5096, 49.2961, 21.2359

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.9559, 48.1583, 39.0630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5096, 49.2961, 21.2359 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 110) }
```

Border

The CSS property to change the border of an element to XYZ 57.5096, 49.2961, 21.2359 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, 110) }
```


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

```
.border{ border-color:rgb(255, 165, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5096, 49.2961, 21.2359 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, 110) }
```

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

```
.background{ background-color: rgb(255,  
165, 110) }
```

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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