

Converting Colors

XYZ(118.4096, 82.9671,
31.4758)

Have a look what the booklet for
XYZ(118.4096, 82.9671, 31.4758)
contains.

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Color

**XYZ(60.5409, 53.1980,
28.9072)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAE84
RGB	255, 174, 132
RGB Percent	100%, 68%, 52%
CMY	0.0000, 0.3176, 0.4823
CMYK	0.00, 0.32, 0.48, 0.00
HSL	20°, 100%, 76%
HSV	20°, 48%, 100%
XYZ	60.5409, 53.1980, 28.9072
YIQ	193.4310, 61.7580, 4.1100

Conversions

Conversions Part 2

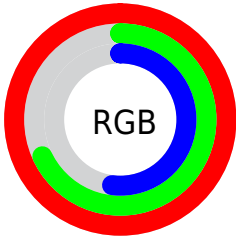
Format	Color
R _Y B	255, 196, 132
Decimal	16756356
CIE Lab	77.99, 25.07, 33.51
CIE LCh	78, 41.850, 53.205
Yxy	53.1980, 0.4244, 0.3729
Android (android.graphics.Color)	4294946436 (0xFFFFAE84)
YUV	193.4310, -30.2855, 53.9960
Hunter-Lab	72.9370, 20.5232, 27.5574

Details

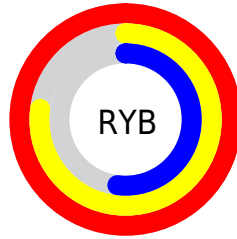
The XYZ color **60.5409, 53.1980, 28.9072** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.3589, 59.7115, 103.4261**, and the grayscale version is **51.0908, 53.7515, 58.5354**.

A 20% lighter version of the original color is **78.2938, 81.3564, 57.4758**, and **30.8660, 25.8860, 11.3523** is the 20% darker color. If you saturate the color by 10%, you get **55.9610, 46.4979, 19.7984**, and if you desaturate by 10%, it is **65.9554, 60.8851, 40.3991**.

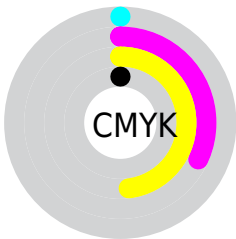
Distribution



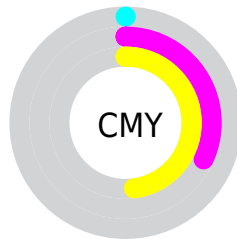
- Red (100%)
- Green (68%)
- Blue (52%)



- Red (100%)
- Yellow (77%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5409, 53.1980, 28.9072 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 60.5409, 53.1980, 28.9072 by changing the saturation by 10% instead.


 60.5409, 53.1980,
28.9072

 60.5409, 53.1980,
28.9072


416.3915,
399.0443, 310.8241


 44.1059, 37.9609,
18.7657


 104.7158, 94.8957,
58.9700

 30.9520, 25.9523,
11.3260


 133.1864,
122.1250, 79.7284

 20.7140, 16.7880,
6.1696


 166.3996,
154.1204, 104.8628

 13.0264, 10.0834,
2.8780

204.7207,
191.2665, 134.7918

 7.5238, 5.4543,
1.0327

248.5151,
233.9475, 169.9338

 3.8410, 2.5162,
0.0000

298.1481,

 1.6126, 0.8847,

282.5479, 210.7075

0.0000

353.9851,
337.4520, 257.5314

0.4006, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

60.5409, 53.1980,
28.9072

60.5409, 53.1980,
28.9072

55.9610, 46.4979,
19.7984

65.9554, 60.8851,
40.3991

52.1653, 40.7343,
12.8980

72.2433, 69.5908,
54.4254

49.1032, 35.8639,
8.0122

79.4451, 79.3552,
71.1285

46.7154, 31.8359,
4.9112

87.5978, 90.2134,
90.6391

■ 44.9249, 28.5905, 95.0499, 99.9999,
3.2800 108.9000

■ 44.6550, 28.0901,
3.0684

Harmonies

Analogous

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



66.3753, 53.1980, 41.9799



60.5409, 53.1980, 28.9072



52.4398, 53.1980, 23.8132

Triad

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



60.5409, 53.1980, 28.9072



36.5453, 53.1980, 52.7746



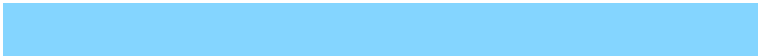
56.9918, 53.1980, 109.7329

Complementary

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



60.5409, 53.1980, 28.9072



51.3589, 59.7115, 103.4261

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.



48.7317, 53.1980, 114.8872



60.5409, 53.1980, 28.9072



37.4855, 53.1980, 77.4657

Square

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



60.5409, 53.1980, 28.9072



39.0248, 53.1980, 34.9883



41.7466, 53.1980, 101.8028



64.1773, 53.1980, 89.1738

Rectangle

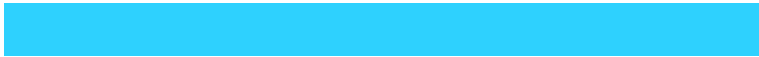
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5409, 53.1980, 28.9072



47.0675, 53.1980, 24.2983



41.7466, 53.1980, 101.8028



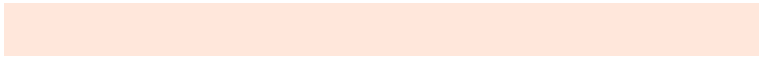
54.2276, 53.1980, 113.5172

Sweetspot

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



60.5422, 53.2006, 28.9082



82.7795, 83.8179, 79.0406



61.6290, 42.6180, 68.5965



17.3500, 17.4485, 16.0415



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.



60.5422, 53.2006, 28.9082



56.0594, 46.6443, 19.9861



74.9703, 82.0567, 33.7176



18.5164, 19.0011, 18.8360



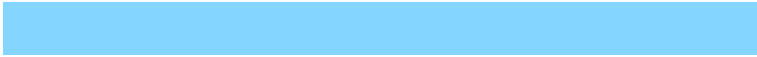
23.4571, 14.9255, 1.6446



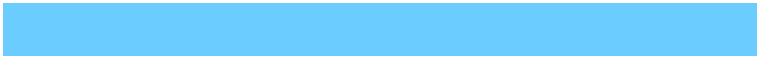
2.3807, 1.6467, 0.1924

Inverse Universe

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



51.3589, 59.7115, 103.4261



45.8351, 53.7714, 102.5709



38.8757, 34.7452, 99.2650



18.0019, 19.3754, 23.0410



16.8842, 18.6780, 52.1499



1.7455, 2.0217, 5.1115

Previews

White Background



This preview shows how the XYZ color 60.5409, 53.1980, 28.9072 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 60.5409, 53.1980, 28.9072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

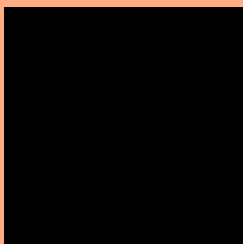
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5409, 53.1980, 28.9072

Background



This preview shows how black text looks on a background with the XYZ color 60.5409, 53.1980, 28.9072.



This preview shows how white text looks on a background with the XYZ color 60.5409, 53.1980,

28.9072.

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

60.5409, 53.1980, 28.9072

Protanopia

49.8160, 53.4433, 32.5009

Deuteranopia

54.3332, 53.2986, 28.5431



Tritanopia

63.9552, 53.3456, 50.6420

Trichromacy



Original Color

60.5409, 53.1980, 28.9072

Protanomaly

53.1256, 52.9315, 31.0837

Deuteranomaly

56.5558, 53.2117, 28.7628

Tritanomaly

62.4138, 53.0302, 41.5966

Monochromacy



Original Color

60.5409, 53.1980, 28.9072

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.2285, 52.6570, 45.8865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5409, 53.1980, 28.9072 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, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 132)  
}
```

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, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 132) }
```

Border

The CSS property to change the border of an element to XYZ 60.5409, 53.1980, 28.9072 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, 174, 132) }
```


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

```
.border{ border-color:rgb(255, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5409, 53.1980, 28.9072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 132) }
```

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

```
.background{ background-color: rgb(255,  
174, 132) }
```

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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