

Converting Colors

XYZ(108.3655, 78.7409,
29.9327)

Have a look what the booklet for
XYZ(108.3655, 78.7409, 29.9327)
contains.

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Color

**XYZ(60.8584, 54.2628,
27.6883)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFB180 |
| RGB | 255, 177, 128 |
| RGB Percent | 100%, 69%, 50% |
| CMY | 0.0000, 0.3059, 0.4980 |
| CMYK | 0.00, 0.31, 0.50, 0.00 |
| HSL | 23°, 100%, 75% |
| HSV | 23°, 50%, 100% |
| XYZ | 60.8584, 54.2628, 27.6883 |
| YIQ | 194.7360, 62.2170, 1.2970 |

Conversions

Conversions Part 2

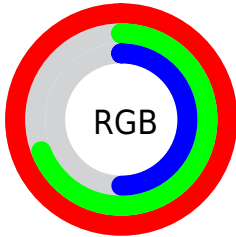
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 208, 128 |
| Decimal | 16757120 |
| CIE _{Lab} | 78.61, 23.13, 36.42 |
| CIE _{LCh} | 79, 43.145, 57.578 |
| Yxy | 54.2628, 0.4262, 0.3800 |
| Android (android.graphics.Color) | 4294947200 (0xFFFFB180) |
| YUV | 194.7360, -32.9008, 52.8515 |
| Hunter-Lab | 73.6633, 18.5606, 29.2786 |

Details

The XYZ color **60.8584, 54.2628, 27.6883** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.0223, 55.9493, 102.8229**, and the grayscale version is **51.8795, 54.5813, 59.4390**.

A 20% lighter version of the original color is **78.7194, 82.8740, 55.5634**, and **31.0885, 26.5675, 10.6972** is the 20% darker color. If you saturate the color by 10%, you get **56.4686, 47.8403, 18.9592**, and if you desaturate by 10%, it is **66.0276, 61.5693, 38.7588**.

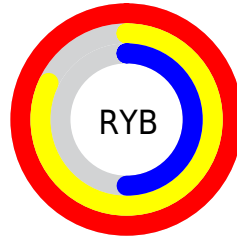
Distribution



Red (100%)

Green (69%)

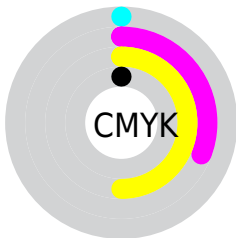
Blue (50%)



Red (100%)

Yellow (82%)

Blue (50%)

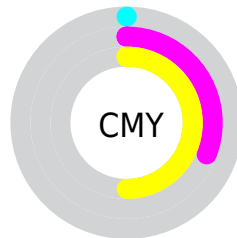


Cyan (0%)

Magenta (31%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8584, 54.2628, 27.6883 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 60.8584, 54.2628, 27.6883 by changing the saturation by 10% instead.


 60.8584, 54.2628,
27.6883


 60.8584, 54.2628,
27.6883


417.5388,
403.1114, 304.8394


 44.3630, 38.8118,
17.8538


 105.1732, 96.4600,
57.0035

 31.1551, 26.6134,
10.6767


 133.7232,
123.9750, 77.3213

 20.8694, 17.2831,
5.7385


 167.0223,
156.2801, 101.9707

 13.1405, 10.4365,
2.6205

205.4356,
193.7597, 131.3701

 7.6030, 5.6893,
0.9030

249.3285,
236.7983, 165.9382

 3.8917, 2.6571,
0.0000

299.0665,

 1.6410, 0.9555,

285.7801, 206.0934

0.0000

355.0148,
341.0897, 252.2543

■ 0.4189, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8584, 54.2628,
27.6883

■ 60.8584, 54.2628,
27.6883

■ 56.4686, 47.8403,
18.9592

■ 66.0276, 61.5693,
38.7588

■ 52.8101, 42.2570,
12.3946

■ 72.0124, 69.7862,
52.3234

■ 49.8346, 37.4756,
7.7973

■ 78.8515, 78.9482,
68.5254

■ 47.4850, 33.4519,
4.9315

■ 86.5795, 89.0861,
87.4963

■ 45.6766, 30.1291, 95.0498, 99.9999,
3.4225 108.9000

■ 45.6448, 30.0699,
3.3983

Harmonies

Analogous

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



67.4872, 54.2628, 39.9287



60.8584, 54.2628, 27.6883



52.2699, 54.2628, 23.5321

Triad

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



60.8584, 54.2628, 27.6883



36.8887, 54.2628, 57.1243



59.5305, 54.2628, 111.1379

Complementary

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



60.8584, 54.2628, 27.6883



49.0223, 55.9493, 102.8229

Split Complementary

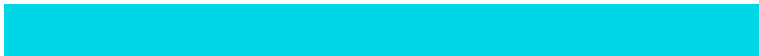
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



50.8866, 54.2628, 119.3868



60.8584, 54.2628, 27.6883



38.3842, 54.2628, 83.5521

Square

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



60.8584, 54.2628, 27.6883



38.9550, 54.2628, 37.3446



43.2875, 54.2628, 108.1469



66.6632, 54.2628, 87.9494

Rectangle

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



60.8584, 54.2628, 27.6883



46.7879, 54.2628, 24.7137



43.2875, 54.2628, 108.1469



56.6784, 54.2628, 115.9877

Sweetspot

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



60.8597, 54.2655, 27.6893



82.4507, 83.6943, 77.2843



60.1384, 41.1704, 63.3717



17.3043, 17.4622, 15.7022



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.



60.8597, 54.2655, 27.6893



56.3899, 47.7226, 18.8097



76.3503, 85.2465, 32.8529



18.5840, 19.1362, 18.8585



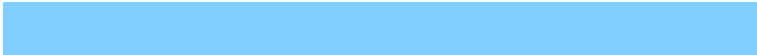
23.9841, 15.9795, 1.8202



2.4373, 1.7599, 0.2112

Inverse Universe

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



49.0223, 55.9493, 102.8229



43.2607, 49.5072, 101.8835



36.7475, 31.3997, 98.7313



17.9318, 19.2352, 23.0176



15.8456, 16.6007, 51.8037



1.6488, 1.8283, 5.0793

Previews

White Background



This preview shows how the XYZ color 60.8584, 54.2628, 27.6883 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 60.8584, 54.2628, 27.6883 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 60.8584, 54.2628, 27.6883

Background



This preview shows how black text looks on a background with the XYZ color 60.8584, 54.2628, 27.6883.



This preview shows how white text looks on a background with the XYZ color 60.8584, 54.2628,

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

60.8584, 54.2628, 27.6883

Protanopia

50.7522, 54.6284, 30.7911

Deuteranopia

55.5858, 54.2863, 27.2873



Tritanopia

64.6443, 54.2257, 52.4069

Trichromacy



Original Color

60.8584, 54.2628, 27.6883

Protanomaly

53.8266, 53.9633, 29.4088

Deuteranomaly

57.3822, 54.2765, 27.5307

Tritanomaly

63.0769, 54.2124, 42.2615

Monochromacy



Original Color

60.8584, 54.2628, 27.6883

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.9492, 53.6584, 46.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8584, 54.2628, 27.6883 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, 177, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 128) }
```

Border

The CSS property to change the border of an element to XYZ 60.8584, 54.2628, 27.6883 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, 177, 128) }
```


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

```
.border{ border-color:rgb(255, 177, 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, 177, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8584, 54.2628, 27.6883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 128) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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