

Converting Colors

XYZ(60.0443, 52.6870, 27.2555)

Have a look what the booklet for
XYZ(60.0443, 52.6870, 27.2555)
contains.

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Color

**XYZ(60.0799, 52.7057,
27.4287)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD80
RGB	255, 173, 128
RGB Percent	100%, 68%, 50%
CMY	0.0000, 0.3215, 0.4980
CMYK	0.00, 0.32, 0.50, 0.00
HSL	21°, 100%, 75%
HSV	21°, 50%, 100%
XYZ	60.0799, 52.7057, 27.4287
YIQ	192.3880, 63.3170, 3.3890

Conversions

Conversions Part 2

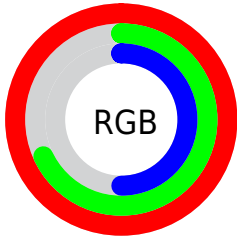
Format	Color
R_{YB}	255, 198, 128
Decimal	16756096
CIE _{Lab}	77.70, 25.23, 35.24
CIE _{LCh}	78, 43.339, 54.406
Yxy	52.7057, 0.4285, 0.3759
Android (android.graphics.Color)	4294946176 (0xFFFFAD80)
YUV	192.3880, -31.7433, 54.9107
Hunter-Lab	72.5987, 20.6721, 28.4186

Details

The XYZ color **60.0799, 52.7057, 27.4287** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.9975, 57.8997, 103.1481**, and the grayscale version is **50.4850, 53.1141, 57.8413**.

A 20% lighter version of the original color is **77.5998, 80.6348, 55.1902**, and **30.5973, 25.5851, 10.5335** is the 20% darker color. If you saturate the color by 10%, you get **55.6430, 46.1890, 18.6839**, and if you desaturate by 10%, it is **65.3301, 60.1743, 38.5262**.

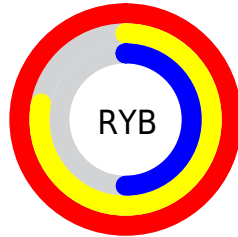
Distribution



Red (100%)

Green (68%)

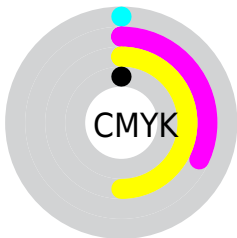
Blue (50%)



Red (100%)

Yellow (78%)

Blue (50%)

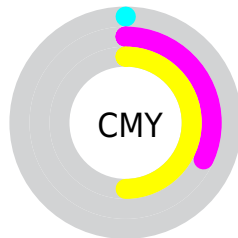


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0799, 52.7057, 27.4287 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 60.0799, 52.7057, 27.4287 by changing the saturation by 10% instead.

 60.0799, 52.7057,
27.4287


 60.0799, 52.7057,
27.4287


414.7222,
397.1550, 303.5524

 43.7327, 37.5679,
17.6602

 104.0512, 94.1712,
56.5831

 30.6575, 25.6475,
10.5394

 132.4062,
121.2676, 76.8061

 20.4887, 16.5601,
5.6478


 165.4944,
153.1190, 101.3509

 12.8611, 9.9214,
2.5668

203.6812,
190.1099, 130.6362

 7.4093, 5.3468,
0.8752

247.3321,
232.6245, 165.0804

 3.7680, 2.4522,
0.0000

296.8123,

 1.5717, 0.8525,

281.0473, 205.1022

0.0000

352.4872,
335.7626, 251.1200

■ 0.3739, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.0799, 52.7057,
27.4287

■ 60.0799, 52.7057,
27.4287

■ 55.6430, 46.1890,
18.6839

■ 65.3301, 60.1743,
38.5262

■ 51.9693, 40.5754,
12.1142

■ 71.4321, 68.6253,
52.1298

■ 49.0083, 35.8229,
7.5218

■ 78.4261, 78.0974,
68.3834

■ 46.7001, 31.8820,
4.6699

■ 86.3487, 88.6244,
87.4192

■ 44.9573, 28.6904, 95.0499, 100.0000,
3.1827 108.9000

■ 44.9270, 28.6342,
3.1590

Harmonies

Analogous

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



66.2623, 52.7057, 40.3414



60.0799, 52.7057, 27.4287



51.6838, 52.7057, 22.6025

Triad

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



60.0799, 52.7057, 27.4287



35.6986, 52.7057, 53.0019



57.0583, 52.7057, 110.5565

Complementary

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



60.0799, 52.7057, 27.4287



49.9975, 57.8997, 103.1481

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.



48.5395, 52.7057, 116.7164



60.0799, 52.7057, 27.4287



36.7981, 52.7057, 78.6642

Square

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



60.0799, 52.7057, 27.4287



38.0928, 52.7057, 34.4848



41.2829, 52.7057, 103.7311



64.3860, 52.7057, 88.6849

Rectangle

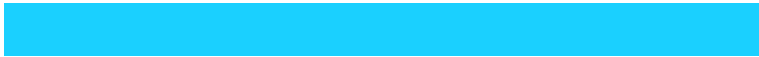
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.0799, 52.7057, 27.4287



46.1894, 52.7057, 23.2710



41.2829, 52.7057, 103.7311



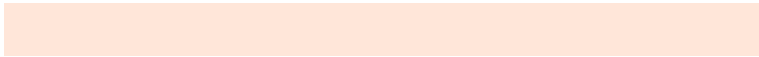
54.2152, 52.7057, 114.7497

Sweetspot

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



60.0812, 52.7083, 27.4297



82.1136, 83.0203, 77.1719



60.6608, 41.3793, 66.1227



17.2236, 17.3008, 15.6753



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.



60.0812, 52.7083, 27.4297



55.5637, 46.0701, 18.5343



75.1174, 82.7806, 32.4418



18.5360, 19.0402, 18.8425



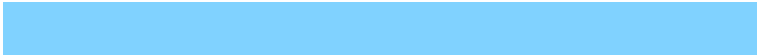
23.6023, 15.2159, 1.6930



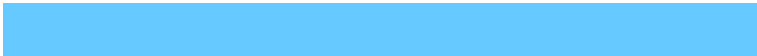
2.3965, 1.6783, 0.1976

Inverse Universe

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



49.9975, 57.8997, 103.1481



44.3649, 51.7156, 102.2516



37.3940, 32.6927, 98.9470



17.9815, 19.3347, 23.0342



16.5736, 18.0567, 52.0464



1.7167, 1.9642, 5.1019

Previews

White Background



This preview shows how the XYZ color 60.0799, 52.7057, 27.4287 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 60.0799, 52.7057, 27.4287 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 60.0799, 52.7057, 27.4287

Background



This preview shows how black text looks on a background with the XYZ color 60.0799, 52.7057, 27.4287.



This preview shows how white text looks on a background with the XYZ color 60.0799, 52.7057,

27.4287.

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

60.0799, 52.7057, 27.4287

Protanopia

49.0257, 52.7422, 30.8889

Deuteranopia

53.8614, 52.7763, 27.0867



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

60.0799, 52.7057, 27.4287

Protanomaly

52.3231, 52.2387, 29.5157

Deuteranomaly

56.0872, 52.7001, 27.2947

Tritanomaly

62.0477, 52.5827, 40.5974

Monochromacy



Original Color

60.0799, 52.7057, 27.4287

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.5347, 52.0096, 44.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0799, 52.7057, 27.4287 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, 173, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 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, 173, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 128) }
```

Border

The CSS property to change the border of an element to XYZ 60.0799, 52.7057, 27.4287 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, 173, 128) }
```


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

```
.border{ border-color:rgb(255, 173, 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, 173, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0799, 52.7057, 27.4287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 128) }
```

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

```
.background{ background-color: rgb(255,  
173, 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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