

Converting Colors

XYZ(60.0152, 52.6806, 27.0860)

Have a look what the booklet for XYZ(60.0152, 52.6806, 27.0860) contains.

- XYZ(60.0143, 52.6794, 27.0837) 3**
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**XYZ(60.0143, 52.6794,
27.0837)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAD7F
RGB	255, 173, 127
RGB Percent	100%, 68%, 50%
CMY	0.0000, 0.3215, 0.5020
CMYK	0.00, 0.32, 0.50, 0.00
HSL	22°, 100%, 75%
HSV	22°, 50%, 100%
XYZ	60.0143, 52.6794, 27.0837
YIQ	192.2740, 63.6380, 3.0780

Conversions

Conversions Part 2

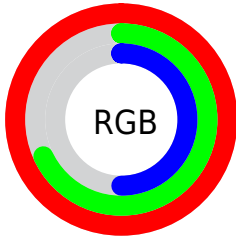
Format	Color
R_{YB}	255, 199, 127
Decimal	16756095
CIE _{Lab}	77.69, 25.14, 35.75
CIE _{LCh}	78, 43.699, 54.886
Yxy	52.6794, 0.4294, 0.3769
Android (android.graphics.Color)	4294946175 (0xFFFFAD7F)
YUV	192.2740, -32.1801, 55.0107
Hunter-Lab	72.5806, 20.5793, 28.6821

Details

The XYZ color **60.0143, 52.6794, 27.0837** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.6017, 57.3303, 103.0590**, and the grayscale version is **50.4204, 53.0462, 57.7673**.

A 20% lighter version of the original color is **77.4975, 80.5939, 54.6516**, and **30.5617, 25.5709, 10.3461** is the 20% darker color. If you saturate the color by 10%, you get **55.6150, 46.2125, 18.4299**, and if you desaturate by 10%, it is **65.2197, 60.0857, 38.0819**.

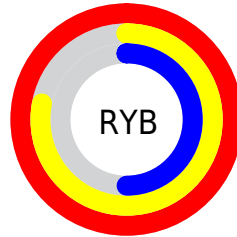
Distribution



Red (100%)

Green (68%)

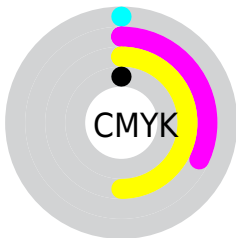
Blue (50%)



Red (100%)

Yellow (78%)

Blue (50%)

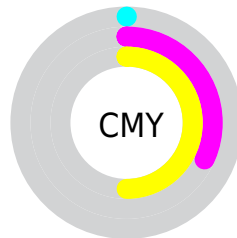


Cyan (0%)

Magenta (32%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0143, 52.6794, 27.0837 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 60.0143, 52.6794, 27.0837 by changing the saturation by 10% instead.


 60.0143, 52.6794,
27.0837

 60.0143, 52.6794,
27.0837


414.4844,
397.0539, 301.8351


 43.6797, 37.5469,
17.4031


 103.9566, 94.1324,
56.0235

 30.6156, 25.6312,
10.3573


 132.2951,
121.2218, 76.1198

 20.4567, 16.5480,
5.5278

 165.3654,
153.0655, 100.5251

 12.8376, 9.9127,
2.4961

203.5331,
190.0480, 129.6579

 7.3931, 5.3411,
0.8381

247.1635,
232.5537, 163.9368

 3.7576, 2.4488,
0.0000

296.6220,

 1.5659, 0.8508,

280.9670, 203.7802

0.0000

352.2738,
335.6723, 249.6068

0.3701, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

60.0143, 52.6794,
27.0837

60.0143, 52.6794,
27.0837

55.6150, 46.2125,
18.4299

65.2197, 60.0857,
38.0819

51.9719, 40.6366,
11.9422

71.2693, 68.4612,
51.5783

49.0344, 35.9105,
7.4217

78.2034, 77.8441,
67.7174

46.7429, 31.9853,
4.6300

86.0582, 88.2677,
86.6314

■ 45.0369, 28.8541,
3.1957

94.8678, 99.7642,
108.4438

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.



66.3109, 52.6794, 39.9144



60.0143, 52.6794, 27.0837



51.5332, 52.6794, 22.3631

Triad

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



60.0143, 52.6794, 27.0837



35.5622, 52.6794, 53.3084



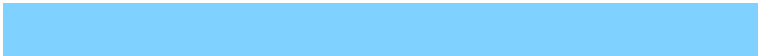
57.2267, 52.6794, 110.8016

Complementary

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



60.0143, 52.6794, 27.0837



49.6017, 57.3303, 103.0590

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.



48.6351, 52.6794, 117.3435



60.0143, 52.6794, 27.0837



36.7246, 52.6794, 79.2640

Square

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



60.0143, 52.6794, 27.0837



37.9157, 52.6794, 34.5320



41.2901, 52.6794, 104.4889



64.5787, 52.6794, 88.5199

Rectangle

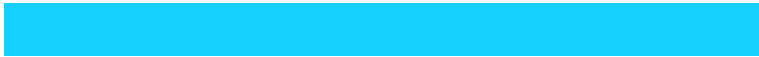
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.0143, 52.6794, 27.0837



46.0094, 52.6794, 23.1060



41.2901, 52.6794, 104.4889



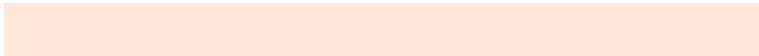
54.3632, 52.6794, 115.1383

Sweetspot

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



60.0156, 52.6820, 27.0847



82.1674, 83.1279, 77.1899



60.4873, 41.1022, 65.8492



17.2365, 17.3266, 15.6796



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.



60.0156, 52.6820, 27.0847



55.6938, 46.3303, 18.5776



75.0086, 82.6680, 32.0824



18.5437, 19.0555, 18.8451



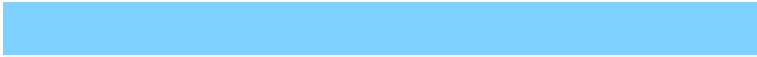
23.6609, 15.3330, 1.7125



2.4028, 1.6910, 0.1997

Inverse Universe

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



49.6017, 57.3303, 103.0590



44.1858, 51.3573, 102.1919



37.1125, 32.3520, 98.8959



17.9736, 19.3187, 23.0315



16.4539, 17.8174, 52.0065



1.7056, 1.9419, 5.0982

Previews

White Background



This preview shows how the XYZ color 60.0143, 52.6794, 27.0837 looks on a white background.

Color Contrast Check

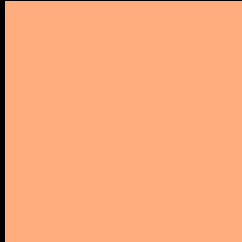
Large Text (above 18pt) WCAG AA × Fail

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 60.0143, 52.6794, 27.0837 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 60.0143, 52.6794, 27.0837

Background



This preview shows how black text looks on a background with the XYZ color 60.0143, 52.6794, 27.0837.



This preview shows how white text looks on a background with the XYZ color 60.0143, 52.6794,

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

60.0143, 52.6794, 27.0837

Protanopia

49.2352, 52.8584, 30.5294

Deuteranopia

53.7972, 52.7506, 26.7485



Tritanopia

63.4809, 52.5606, 49.9794

Trichromacy



Original Color

60.0143, 52.6794, 27.0837

Protanomaly

52.5652, 52.3714, 29.1680

Deuteranomaly

56.0223, 52.6741, 26.9531

Tritanomaly

62.0477, 52.5827, 40.5974

Monochromacy



Original Color

60.0143, 52.6794, 27.0837

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.4412, 51.9721, 44.3135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0143, 52.6794, 27.0837 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 127) }
```

Border

The CSS property to change the border of an element to XYZ 60.0143, 52.6794, 27.0837 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, 127) }
```


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

```
.border{ border-color:rgb(255, 173, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0143, 52.6794, 27.0837 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, 127) }
```

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

```
.background{ background-color: rgb(255,  
173, 127) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor