

Converting Colors

XYZ(61.7769, 56.2047, 27.6710)

Have a look what the booklet for
XYZ(61.7769, 56.2047, 27.6710)
contains.

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Color

**XYZ(61.7987, 56.2482,
27.6785)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB67F
RGB	255, 182, 127
RGB Percent	100%, 71%, 50%
CMY	0.0000, 0.2862, 0.5020
CMYK	0.00, 0.29, 0.50, 0.00
HSL	26°, 100%, 75%
HSV	26°, 50%, 100%
XYZ	61.7987, 56.2482, 27.6785
YIQ	197.5570, 61.1630, -1.6290

Conversions

Conversions Part 2

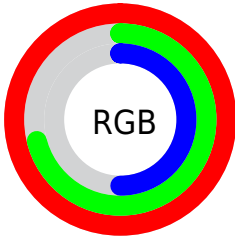
Format	Color
R_{YB}	255, 223, 127
Decimal	16758399
CIE _{Lab}	79.75, 20.43, 38.40
CIE _{LCh}	80, 43.495, 61.991
Yxy	56.2482, 0.4241, 0.3860
Android (android.graphics.Color)	4294948479 (0xFFFFB67F)
YUV	197.5570, -34.7846, 50.3775
Hunter-Lab	74.9988, 15.8354, 30.6180

Details

The XYZ color **61.7987, 56.2482, 27.6785** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.4556, 53.0382, 102.3436**, and the grayscale version is **53.5872, 56.3779, 61.3956**.

A 20% lighter version of the original color is **80.0528, 85.7044, 55.5034**, and **31.6955, 27.8384, 10.7240** is the 20% darker color. If you saturate the color by 10%, you get **57.5176, 50.0175, 19.0641**, and if you desaturate by 10%, it is **66.8124, 63.2712, 38.6129**.

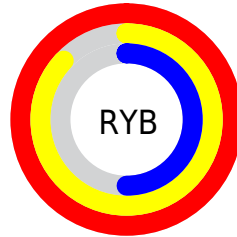
Distribution



Red (100%)

Green (71%)

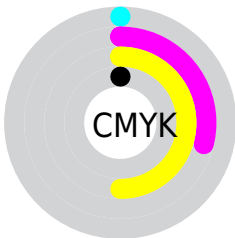
Blue (50%)



Red (100%)

Yellow (87%)

Blue (50%)

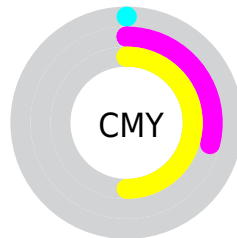


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7987, 56.2482, 27.6785 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 61.7987, 56.2482, 27.6785 by changing the saturation by 10% instead.


 61.7987, 56.2482,
27.6785


 61.7987, 56.2482,
27.6785


420.9257,
410.6262, 304.7909

 45.1250, 40.4020,
17.8465


 106.5261, 99.3674,
56.9876

 31.7576, 27.8521,
10.6716


 135.3106,
127.4091, 77.3019

 21.3311, 18.2142,
5.7351


 168.8627,
160.2848, 101.9473

 13.4801, 11.1039,
2.6185

207.5479,
198.3788, 131.3425

 7.8392, 6.1367,
0.9020

251.7314,
242.0755, 165.9058

 4.0432, 2.9284,
0.0000

301.7786,

 1.7266, 1.0945,

291.7594, 206.0560

0.0000

358.0550,
347.8149, 252.2115

■ 0.4728, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.7987, 56.2482,
27.6785

■ 61.7987, 56.2482,
27.6785

■ 57.5176, 50.0175,
19.0641

■ 66.8124, 63.2712,
38.6129

■ 53.9231, 44.5391,
12.5927

■ 72.5926, 71.1078,
52.0195

■ 50.9698, 39.7812,
8.0668

■ 79.1757, 79.7885,
68.0416

■ 48.6029, 35.7053,
5.2500

■ 86.5942, 89.3397,
86.8102

■ 46.7708, 32.3218,
3.7736

94.8790, 99.7865,
108.4477

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.



69.1164, 56.2482, 39.0131



61.7987, 56.2482, 27.6785



52.8772, 56.2482, 24.4880

Triad

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



61.7987, 56.2482, 27.6785



38.2873, 56.2482, 62.9419



62.9257, 56.2482, 112.1550

Complementary

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



61.7987, 56.2482, 27.6785



47.4556, 53.0382, 102.3436

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.



54.0516, 56.2482, 123.4756



61.7987, 56.2482, 27.6785



40.3704, 56.2482, 90.6349

Square

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



61.7987, 56.2482, 27.6785



39.8854, 56.2482, 41.2095



45.9113, 56.2482, 114.6912



69.8157, 56.2482, 86.9046

Rectangle

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



61.7987, 56.2482, 27.6785



47.3797, 56.2482, 26.4329



45.9113, 56.2482, 114.6912



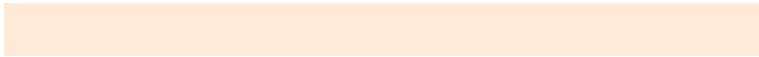
60.0443, 56.2482, 117.9851

Sweetspot

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



61.8001, 56.2510, 27.6796



82.9239, 84.6407, 77.4420



59.4507, 40.6877, 60.3908



17.4177, 17.6891, 15.7400



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.



61.8001, 56.2510, 27.6796



57.5947, 50.1321, 19.2113



77.5217, 87.6943, 32.9202



18.6513, 19.2707, 18.8809



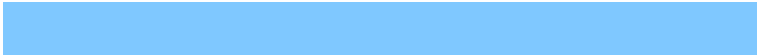
24.5802, 17.1716, 2.0189



2.4992, 1.8838, 0.2319

Inverse Universe

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



47.4556, 53.0382, 102.3436



41.7811, 46.5479, 101.3903



35.8436, 29.8141, 98.4729



17.8629, 19.0975, 22.9947



14.9069, 14.7234, 51.4908



1.5600, 1.6506, 5.0497

Previews

White Background



This preview shows how the XYZ color 61.7987, 56.2482, 27.6785 looks on a white background.

Color Contrast Check

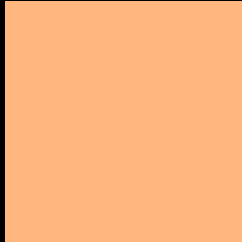
Large Text (above 18pt) WCAG AA × Fail

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 61.7987, 56.2482, 27.6785 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 61.7987, 56.2482, 27.6785

Background



This preview shows how black text looks on a background with the XYZ color 61.7987, 56.2482, 27.6785.



This preview shows how white text looks on a background with the XYZ color 61.7987, 56.2482,

27.6785.

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

61.7987, 56.2482, 27.6785

Protanopia

52.4521, 56.5287, 30.3369

Deuteranopia

57.5601, 56.2523, 27.5627



Tritanopia

66.0392, 56.3351, 54.9701

Trichromacy



Original Color

61.7987, 56.2482, 27.6785

Protanomaly

55.5795, 56.1610, 29.3835

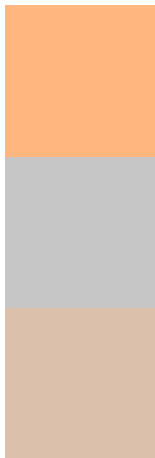
Deuteranomaly

58.9810, 56.0366, 27.4462

Tritanomaly

64.2430, 56.2534, 43.5484

Monochromacy



Original Color

61.7987, 56.2482, 27.6785

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.5094, 55.7379, 46.8626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7987, 56.2482, 27.6785 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, 182, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 127) }
```

Border

The CSS property to change the border of an element to XYZ 61.7987, 56.2482, 27.6785 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, 182, 127) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7987, 56.2482, 27.6785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 127) }
```

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

```
.background{ background-color: rgb(255,  
182, 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](#).

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