

Converting Colors

XYZ(60.8075, 56.1404, 21.5688)

Have a look what the booklet for
XYZ(60.8075, 56.1404, 21.5688)
contains.

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Color

**XYZ(60.8273, 56.1885,
21.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB76B
RGB	255, 183, 107
RGB Percent	100%, 72%, 42%
CMY	0.0000, 0.2823, 0.5804
CMYK	0.00, 0.28, 0.58, 0.00
HSL	31°, 100%, 71%
HSV	31°, 58%, 100%
XYZ	60.8273, 56.1885, 21.5494
YIQ	195.8640, 67.3080, -8.3720

Conversions

Conversions Part 2

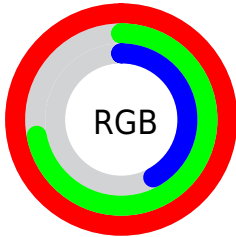
Format	Color
R _Y B	247, 255, 107
Decimal	16758635
CIE Lab	79.72, 18.29, 48.48
CIE LCh	80, 51.819, 69.332
Yxy	56.1885, 0.4390, 0.4055
Android (android.graphics.Color)	4294948715 (0xFFFFB76B)
YUV	195.8640, -43.8100, 51.8623
Hunter-Lab	74.9590, 13.6699, 35.4265

Details

The XYZ color **60.8273, 56.1885, 21.5494** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.2326, 42.5839, 100.7063**, and the grayscale version is **52.6152, 55.3552, 60.2819**.

A 20% lighter version of the original color is **78.4517, 85.5311, 45.6320**, and **31.2021, 27.8529, 7.4730** is the 20% darker color. If you saturate the color by 10%, you get **57.2318, 50.8374, 14.6798**, and if you desaturate by 10%, it is **65.0465, 62.1543, 30.5790**.

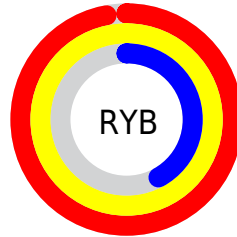
Distribution



Red (100%)

Green (72%)

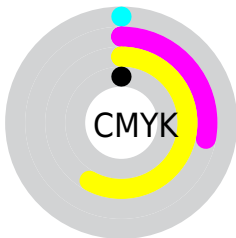
Blue (42%)



Red (97%)

Yellow (100%)

Blue (42%)

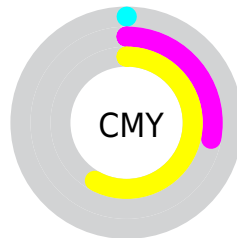


Cyan (0%)

Magenta (28%)

Yellow (58%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8273, 56.1885, 21.5494 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 60.8273, 56.1885, 21.5494 by changing the saturation by 10% instead.


 60.8273, 56.1885,
21.5494


 60.8273, 56.1885,
21.5494


417.4265,
410.4015, 273.0603


 44.3378, 40.3541,
13.3310


 105.1284, 99.2801,
46.8927


 31.1352, 27.8147,
7.5235


 133.6707,
127.3061, 64.8547

 20.8542, 18.1860,
3.7082


 166.9613,
160.1648, 86.9018

 13.1293, 11.0836,
1.4667

 205.3656,
198.2405, 113.4523

 7.5953, 6.1231,
0.1929

249.2489,
241.9176, 144.9249

 3.8867, 2.9201,
0.0000

298.9766,

 1.6382, 1.0902,

291.5805, 181.7380

0.0000

354.9140,
347.6137, 224.3103

■ 0.4171, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8273, 56.1885,
21.5494

■ 60.8273, 56.1885,
21.5494

■ 57.2318, 50.8374,
14.6798

■ 65.0465, 62.1543,
30.5790

■ 54.2143, 46.0668,
9.7760

■ 69.9224, 68.7504,
41.9335

■ 51.7277, 41.8505,
6.6138

■ 75.4903, 76.0016,
55.7652

■ 49.7082, 38.1528,
4.8880

■ 81.7812, 83.9287,
72.2123

49.3502, 37.4807,
4.6335

88.8243, 92.5513,
91.4031

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.



70.5308, 56.1885, 31.4410



60.8273, 56.1885, 21.5494



50.2087, 56.1885, 20.1130

Triad

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



60.8273, 56.1885, 21.5494



35.9087, 56.1885, 71.0078



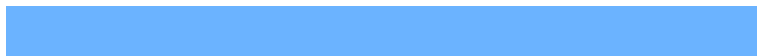
67.2012, 56.1885, 117.4569

Complementary

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



60.8273, 56.1885, 21.5494



40.2326, 42.5839, 100.7063

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.



56.7351, 56.1885, 137.4838



60.8273, 56.1885, 21.5494



39.3042, 56.1885, 105.4559

Square

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



60.8273, 56.1885, 21.5494



36.7041, 56.1885, 43.0101



46.6134, 56.1885, 132.4905



74.5316, 56.1885, 83.8577

Rectangle

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



60.8273, 56.1885, 21.5494



44.1424, 56.1885, 23.4368



46.6134, 56.1885, 132.4905



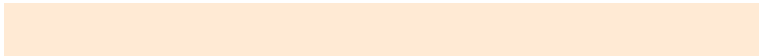
63.8815, 56.1885, 126.4274

Sweetspot

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



60.8286, 56.1913, 21.5505



82.4775, 84.7917, 74.0755



54.8383, 35.1119, 47.6035



17.3670, 17.7931, 15.0894



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.



60.8286, 56.1913, 21.5505



56.5959, 49.8567, 13.5694



79.6535, 93.8411, 27.8255



18.7808, 19.5298, 18.9241



25.9368, 19.8849, 2.4712



2.6348, 2.1549, 0.2771

Inverse Universe

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



40.2326, 42.5839, 100.7063



34.2263, 35.0889, 99.5767



29.3715, 20.8617, 97.0859



17.7324, 18.8364, 22.9511



13.3487, 11.6070, 50.9714



1.4086, 1.3479, 4.9992

Previews

White Background



This preview shows how the XYZ color 60.8273, 56.1885, 21.5494 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 60.8273, 56.1885, 21.5494 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 60.8273, 56.1885, 21.5494

Background



This preview shows how black text looks on a background with the XYZ color 60.8273, 56.1885, 21.5494.



This preview shows how white text looks on a background with the XYZ color 60.8273, 56.1885,

21.5494.

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

60.8273, 56.1885, 21.5494

Protanopia

51.7340, 56.3097, 23.4714

Deuteranopia

57.4171, 56.3130, 21.4790



Tritanopia

66.0392, 56.3351, 54.9701

Trichromacy



Original Color

60.8273, 56.1885, 21.5494

Protanomaly

54.8394, 56.2546, 22.7197

Deuteranomaly

58.7296, 56.3554, 21.4180

Tritanomaly

63.6181, 56.0034, 40.2576

Monochromacy



Original Color

60.8273, 56.1885, 21.5494

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.9469, 54.6937, 42.8356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8273, 56.1885, 21.5494 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, 183, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 107)  
}
```

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, 183, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 107) }
```

Border

The CSS property to change the border of an element to XYZ 60.8273, 56.1885, 21.5494 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, 183, 107) }
```


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

```
.border{ border-color:rgb(255, 183, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 183, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8273, 56.1885, 21.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 107) }
```

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

```
.background{ background-color: rgb(255,  
183, 107) }
```

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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