

Converting Colors

XYZ(60.6958, 56.3343, 20.2450)

Have a look what the booklet for
XYZ(60.6958, 56.3343, 20.2450)
contains.

XYZ(60.7788, 56.5003, 20.2726)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.7788, 56.5003,
20.2726)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB866
RGB	255, 184, 102
RGB Percent	100%, 72%, 40%
CMY	0.0000, 0.2784, 0.6000
CMYK	0.00, 0.28, 0.60, 0.00
HSL	32°, 100%, 70%
HSV	32°, 60%, 100%
XYZ	60.7788, 56.5003, 20.2726
YIQ	195.8810, 68.6380, -10.4500

Conversions

Conversions Part 2

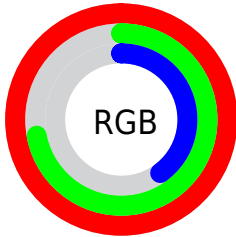
Format	Color
RYB	234, 255, 102
Decimal	16758886
CIELab	79.90, 17.41, 51.14
CIELCh	80, 54.021, 71.195
Yxy	56.5003, 0.4419, 0.4108
Android (android.graphics.Color)	4294948966 (0xFFFFB866)
YUV	195.8810, -46.2833, 51.8474
Hunter-Lab	75.1667, 12.7911, 36.6260

Details

The XYZ color **60.7788, 56.5003, 20.2726** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **38.4723, 39.9301, 100.2869**, and the grayscale version is **52.6392, 55.3806, 60.3094**.

A 20% lighter version of the original color is **78.3165, 85.9467, 43.4720**, and **31.2195, 28.0737, 6.9053** is the 20% darker color. If you saturate the color by 10%, you get **57.3476, 51.3603, 13.8204**, and if you desaturate by 10%, it is **64.8071, 62.2127, 28.8433**.

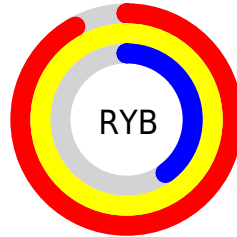
Distribution



Red (100%)

Green (72%)

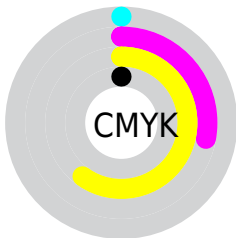
Blue (40%)



Red (92%)

Yellow (100%)

Blue (40%)

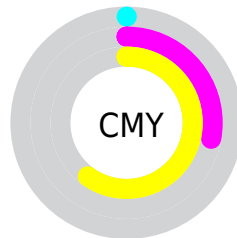


Cyan (0%)

Magenta (28%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7788, 56.5003, 20.2726 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 60.7788, 56.5003, 20.2726 by changing the saturation by 10% instead.


 60.7788, 56.5003,
20.2726

 60.7788, 56.5003,
20.2726


417.2514,
411.5742, 266.0399


 44.2985, 40.6042,
12.4073


 105.0585, 99.7357,
44.7387


 31.1042, 28.0099,
6.8958


 133.5887,
127.8438, 62.1766

 20.8304, 18.3331,
3.3196


 166.8662,
160.7913, 83.6425

 13.1119, 11.1894,
1.2600

 205.2564,
198.9626, 109.5548

 7.5831, 6.1944,
0.0287

249.1247,
242.7422, 140.3322

 3.8789, 2.9636,
0.0000

298.8364,

 1.6339, 1.1128,

292.5144, 176.3932

0.0000

354.7568,
348.6636, 218.1562

■ 0.4143, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7788, 56.5003,
20.2726

■ 60.7788, 56.5003,
20.2726

■ 57.3476, 51.3603,
13.8204

■ 64.8071, 62.2127,
28.8433

■ 54.4676, 46.7594,
9.2869

■ 69.4656, 68.5116,
39.7008

■ 52.0908, 42.6724,
6.4395

■ 74.7894, 75.4208,
53.0001

■ 50.1397, 39.0597,
4.8967

■ 80.8092, 82.9598,
68.8818

■ 50.1396, 39.0594,
4.8966

■ 87.5539, 91.1472,
87.4754

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.



71.1541, 56.5003, 29.7377



60.7788, 56.5003, 20.2726



49.7169, 56.5003, 19.3003

Triad

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



60.7788, 56.5003, 20.2726



35.5824, 56.5003, 73.9845



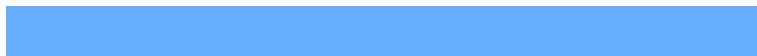
68.7969, 56.5003, 118.9623

Complementary

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



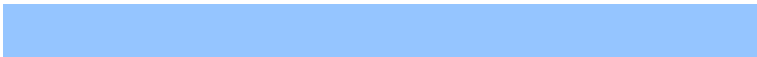
60.7788, 56.5003, 20.2726



38.4723, 39.9301, 100.2869

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.



57.8942, 56.5003, 141.6555



60.7788, 56.5003, 20.2726



39.3656, 56.5003, 110.3929

Square

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



60.7788, 56.5003, 20.2726



36.1349, 56.5003, 44.0570



47.1967, 56.5003, 138.0741



76.2002, 56.5003, 83.0758

Rectangle

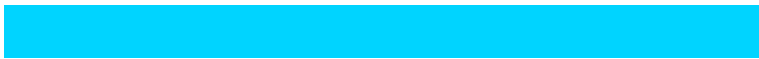
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7788, 56.5003, 20.2726



43.5180, 56.5003, 23.0114



47.1967, 56.5003, 138.0741



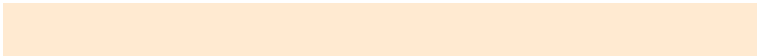
65.3621, 56.5003, 128.8590

Sweetspot

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



60.7801, 56.5031, 20.2737



82.0990, 84.5444, 72.3782



53.5731, 33.7958, 43.4385



17.1729, 17.6042, 14.4103



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.



60.7801, 56.5031, 20.2737



56.7288, 50.3973, 12.7665



77.5466, 92.7845, 26.3930



18.8157, 19.5997, 18.9357



26.3502, 20.7116, 2.6089



2.6750, 2.2354, 0.2905

Inverse Universe

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



38.4723, 39.9301, 100.2869



32.6662, 32.5511, 99.1690



28.8772, 19.8553, 96.9178



17.6977, 18.7670, 22.9396



12.9825, 10.8746, 50.8493



1.3720, 1.2748, 4.9870

Previews

White Background



This preview shows how the XYZ color 60.7788, 56.5003, 20.2726 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 60.7788, 56.5003, 20.2726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

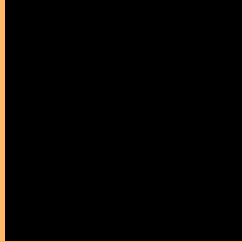
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7788, 56.5003, 20.2726

Background



This preview shows how black text looks on a background with the XYZ color 60.7788, 56.5003, 20.2726.



This preview shows how white text looks on a background with the XYZ color 60.7788, 56.5003,

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

60.7788, 56.5003, 20.2726

Protanopia

51.9907, 56.8138, 22.1359

Deuteranopia

57.8548, 56.5679, 20.1813



Tritanopia

66.1474, 56.3784, 55.5399

Trichromacy



Original Color

60.7788, 56.5003, 20.2726

Protanomaly

54.7966, 56.5924, 21.3999

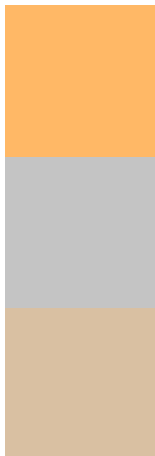
Deuteranomaly

58.8307, 56.4367, 20.1046

Tritanomaly

63.6471, 56.3368, 39.4178

Monochromacy



Original Color

60.7788, 56.5003, 20.2726

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.9865, 55.0596, 41.9646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7788, 56.5003, 20.2726 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, 184, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 102)  
}
```

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, 184, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 102) }
```

Border

The CSS property to change the border of an element to XYZ 60.7788, 56.5003, 20.2726 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, 184, 102) }
```


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

```
.border{ border-color:rgb(255, 184, 102) }
```

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

Here you see how a box with a 4 pixel rgb(255, 184, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7788, 56.5003, 20.2726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 102) }
```

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

```
.background{ background-color: rgb(255,  
184, 102) }
```

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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