

Converting Colors

XYZ(61.0425, 55.4204, 20.8225)

Have a look what the booklet for
XYZ(61.0425, 55.4204, 20.8225)
contains.

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Color

**XYZ(60.1111, 54.9224,
20.7975)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB469
RGB	255, 180, 105
RGB Percent	100%, 71%, 41%
CMY	0.0000, 0.2941, 0.5882
CMYK	0.00, 0.29, 0.59, 0.00
HSL	30°, 100%, 71%
HSV	30°, 59%, 100%
XYZ	60.1111, 54.9224, 20.7975
YIQ	193.8750, 68.7750, -7.4250

Conversions

Conversions Part 2

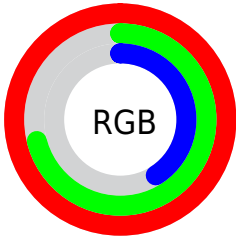
Format	Color
R_{YB}	255, 255, 105
Decimal	16757865
CIE _{Lab}	79.00, 19.71, 48.61
CIE _{LCh}	79, 52.452, 67.923
Yxy	54.9224, 0.4425, 0.4043
Android (android.graphics.Color)	4294947945 (0xFFFFB469)
YUV	193.8750, -43.8154, 53.6066
Hunter-Lab	74.1096, 15.0913, 35.2381

Details

The XYZ color **60.1111, 54.9224, 20.7975** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **40.1962, 42.8640, 100.7624**, and the grayscale version is **51.4280, 54.1062, 58.9217**.

A 20% lighter version of the original color is **77.4070, 83.7195, 44.4275**, and **30.7846, 27.0567, 7.2144** is the 20% darker color. If you saturate the color by 10%, you get **56.5355, 49.5637, 14.0804**, and if you desaturate by 10%, it is **64.3189, 60.9172, 29.6645**.

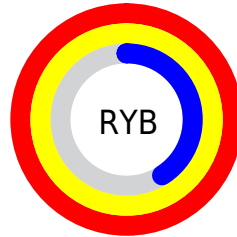
Distribution



Red (100%)

Green (71%)

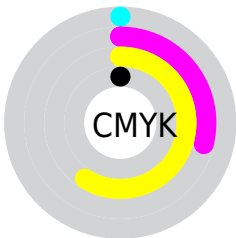
Blue (41%)



Red (100%)

Yellow (100%)

Blue (41%)

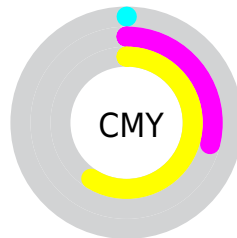


Cyan (0%)

Magenta (29%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1111, 54.9224, 20.7975 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 60.1111, 54.9224, 20.7975 by changing the saturation by 10% instead.


 60.1111, 54.9224,
20.7975


 60.1111, 54.9224,
20.7975


414.8353,
405.6177, 268.9460


 43.7580, 39.3396,
12.7863


 104.0962, 97.4273,
45.6267


 30.6774, 27.0240,
7.1525


 132.4590,
125.1181, 63.2817

 20.5039, 17.5913,
3.4778


 165.5557,
157.6137, 84.9884

 12.8723, 10.6569,
1.3435

 203.7516,
195.2986, 111.1653

 7.4170, 5.8366,
0.0970

247.4122,
238.5570, 142.2310

 3.7729, 2.7460,
0.0000

296.9028,

 1.5745, 1.0006,

287.7734, 178.6040

0.0000

352.5887,
343.3322, 220.7028

■ 0.3757, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1111, 54.9224,
20.7975

■ 60.1111, 54.9224,
20.7975

■ 56.5355, 49.5637,
14.0804

■ 64.3189, 60.9172,
29.6645

■ 53.5455, 44.8058,
9.3165

■ 69.1931, 67.5648,
40.8479

■ 51.0928, 40.6208,
6.2781

■ 74.7692, 74.8913,
54.5014

■ 49.1080, 36.9698,
4.6338

■ 81.0793, 82.9184,
70.7644

48.8952, 36.5706,
4.4818

88.1528, 91.6668,
89.7657

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



69.6801, 54.9224, 30.9845



60.1111, 54.9224, 20.7975



49.4855, 54.9224, 19.0375

Triad

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



60.1111, 54.9224, 20.7975



34.7469, 54.9224, 68.0749



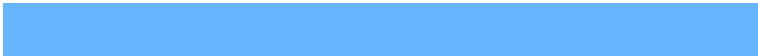
65.5277, 54.9224, 117.5363

Complementary

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



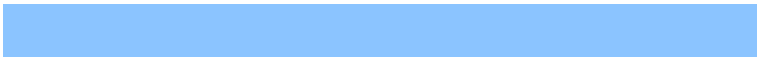
60.1111, 54.9224, 20.7975



40.1962, 42.8640, 100.7624

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.



55.0163, 54.9224, 136.6642



60.1111, 54.9224, 20.7975



37.9223, 54.9224, 102.5176

Square

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



60.1111, 54.9224, 20.7975



35.7314, 54.9224, 40.7017



45.0192, 54.9224, 130.4047



73.0863, 54.9224, 84.0991

Rectangle

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



60.1111, 54.9224, 20.7975



43.3602, 54.9224, 22.0461



45.0192, 54.9224, 130.4047



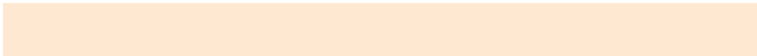
62.1710, 54.9224, 126.2853

Sweetspot

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



60.1124, 54.9251, 20.7986



81.6322, 83.6108, 72.2225



54.5300, 34.6589, 46.9963



17.0592, 17.3768, 14.3724



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.



60.1124, 54.9251, 20.7986



55.8362, 48.4775, 12.8839



79.5497, 93.7997, 27.2776



18.7598, 19.4878, 18.9171



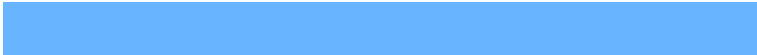
25.6982, 19.4076, 2.3916



2.6113, 2.1081, 0.2693

Inverse Universe

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



40.1962, 42.8640, 100.7624



34.2296, 35.3926, 99.6351



28.9277, 20.3270, 97.0063



17.7534, 18.8783, 22.9581



13.5796, 12.0687, 51.0484



1.4314, 1.3935, 5.0068

Previews

White Background



This preview shows how the XYZ color 60.1111, 54.9224, 20.7975 looks on a white background.

Color Contrast Check

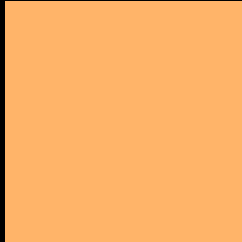
Large Text (above 18pt) WCAG AA × Fail

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 60.1111, 54.9224, 20.7975 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 60.1111, 54.9224, 20.7975

Background



This preview shows how black text looks on a background with the XYZ color 60.1111, 54.9224, 20.7975.



This preview shows how white text looks on a background with the XYZ color 60.1111, 54.9224,

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

60.1111, 54.9224, 20.7975

Protanopia

50.6335, 55.0746, 23.0007

Deuteranopia

56.1537, 55.0452, 20.4971



Tritanopia

65.1330, 55.0349, 53.0889

Trichromacy



Original Color

60.1111, 54.9224, 20.7975

Protanomaly

53.8069, 54.7540, 22.2007

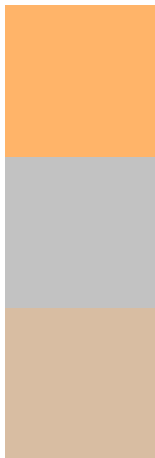
Deuteranomaly

57.2954, 54.6929, 20.6337

Tritanomaly

62.7661, 54.7110, 38.7046

Monochromacy



Original Color

60.1111, 54.9224, 20.7975

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.0381, 53.6028, 41.7334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1111, 54.9224, 20.7975 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, 180, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 105)  
}
```

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, 180, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 105) }
```

Border

The CSS property to change the border of an element to XYZ 60.1111, 54.9224, 20.7975 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, 180, 105) }
```


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

```
.border{ border-color:rgb(255, 180, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1111, 54.9224, 20.7975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 105) }
```

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

```
.background{ background-color: rgb(255,  
180, 105) }
```

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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