

Converting Colors

XYZ(60.3886, 52.2094, 30.9651)

Have a look what the booklet for
XYZ(60.3886, 52.2094, 30.9651)
contains.

XYZ(60.3904, 52.2208, 30.9415)	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(60.3904, 52.2208,
30.9415)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB8A
RGB	255, 171, 138
RGB Percent	100%, 67%, 54%
CMY	0.0000, 0.3294, 0.4588
CMYK	0.00, 0.33, 0.46, 0.00
HSL	17°, 100%, 77%
HSV	17°, 46%, 100%
XYZ	60.3904, 52.2208, 30.9415
YIQ	192.3540, 60.6570, 7.5450

Conversions

Conversions Part 2

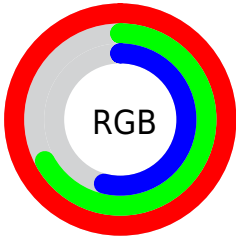
Format	Color
R _Y B	255, 184, 138
Decimal	16755594
CIE Lab	77.41, 27.21, 29.57
CIE LCh	77, 40.179, 47.382
Yxy	52.2208, 0.4207, 0.3638
Android (android.graphics.Color)	4294945674 (0xFFFFAB8A)
YUV	192.3540, -26.7965, 54.9405
Hunter-Lab	72.2640, 22.7091, 25.1984

Details

The XYZ color **60.3904, 52.2208, 30.9415** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **54.6514, 64.8632, 104.2470**, and the grayscale version is **50.4380, 53.0647, 57.7875**.

A 20% lighter version of the original color is **78.2235, 80.0039, 61.1887**, and **30.7456, 25.2635, 12.4884** is the 20% darker color. If you saturate the color by 10%, you get **55.5348, 45.1255, 21.2592**, and if you desaturate by 10%, it is **66.1609, 60.4524, 43.0679**.

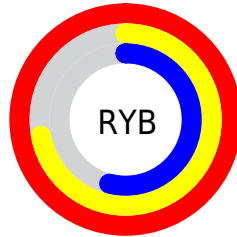
Distribution



Red (100%)

Green (67%)

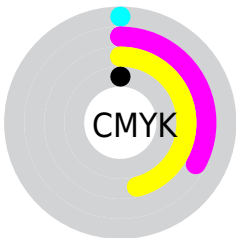
Blue (54%)



Red (100%)

Yellow (72%)

Blue (54%)

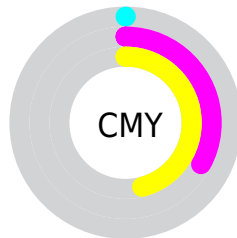


Cyan (0%)

Magenta (33%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3904, 52.2208, 30.9415 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 60.3904, 52.2208, 30.9415 by changing the saturation by 10% instead.


 60.3904, 52.2208,
30.9415


 60.3904, 52.2208,
30.9415


415.8470,
395.2884, 320.6116


 43.9840, 37.1811,
20.2962

 104.4989, 93.4568,
62.2265

 30.8558, 25.3477,
12.4243

 132.9318,
120.4219, 83.7032

 20.6404, 16.3363,
6.9073


 166.1042,
152.1309, 109.6275

 12.9723, 9.7625,
3.3266

204.3815,
188.9682, 140.4180

 7.4864, 5.2417,
1.2637

248.1291,
231.3182, 176.4930

 3.8171, 2.3898,
0.0318

297.7123,

 1.5992, 0.8206,

279.5653, 218.2713

0.0000

353.4965,
334.0939, 266.1713

■ 0.3919, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3904, 52.2208,
30.9415

■ 60.3904, 52.2208,
30.9415

■ 55.5348, 45.1255,
21.2592

■ 66.1609, 60.4524,
43.0679

■ 51.5400, 39.1074,
13.8492

■ 72.8887, 69.8607,
57.7878

■ 48.3513, 34.1133,
8.5222

■ 80.6180, 80.4932,
75.2424

■ 45.9056, 30.0818,
5.0561

■ 89.3891, 92.3928,
95.5616

■ 44.1278, 26.9437, 95.0500, 100.0000,
3.1765 108.9000

■ 43.5531, 25.8863,
2.7011

Harmonies

Analogous

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



65.2078, 52.2208, 45.0707



60.3904, 52.2208, 30.9415



52.9515, 52.2208, 24.6220

Triad

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



60.3904, 52.2208, 30.9415



36.5005, 52.2208, 48.0610



54.2069, 52.2208, 107.9067

Complementary

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



60.3904, 52.2208, 30.9415



54.6514, 64.8632, 104.2470

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.



46.4587, 52.2208, 109.3162



60.3904, 52.2208, 30.9415



36.7616, 52.2208, 70.5433

Square

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



60.3904, 52.2208, 30.9415



39.4832, 52.2208, 32.6388



40.2378, 52.2208, 94.2755



61.3913, 52.2208, 90.8148

Rectangle

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



60.3904, 52.2208, 30.9415



47.7496, 52.2208, 24.2376



40.2378, 52.2208, 94.2755



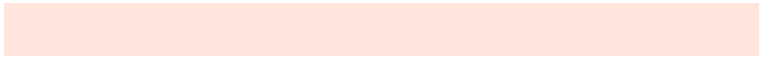
51.5680, 52.2208, 110.3632

Sweetspot

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



60.3917, 52.2234, 30.9425



82.1878, 82.6344, 78.8434



63.7561, 44.8084, 75.6677



17.2070, 17.1625, 15.9938



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.



60.3917, 52.2234, 30.9425



55.9277, 45.7072, 22.0190



73.4885, 78.4170, 35.3081



18.4265, 18.8213, 18.8060



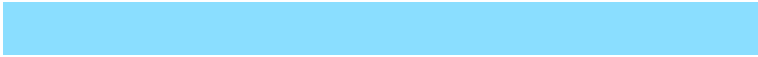
22.8657, 13.7426, 1.4474



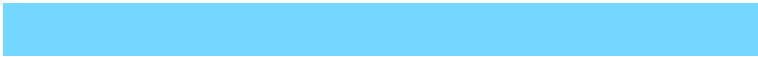
2.3142, 1.5137, 0.1702

Inverse Universe

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



54.6514, 64.8632, 104.2470



49.4989, 59.6709, 103.5165



42.0410, 39.6425, 100.0436



18.0964, 19.5643, 23.0725



18.4197, 21.7489, 52.6617



1.8862, 2.3031, 5.1584

Previews

White Background



This preview shows how the XYZ color 60.3904, 52.2208, 30.9415 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 60.3904, 52.2208, 30.9415 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 60.3904, 52.2208, 30.9415

Background



This preview shows how black text looks on a background with the XYZ color 60.3904, 52.2208, 30.9415.



This preview shows how white text looks on a background with the XYZ color 60.3904, 52.2208,

30.9415.

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

60.3904, 52.2208, 30.9415

Protanopia

49.0741, 52.3473, 35.1213

Deuteranopia

53.5793, 52.5525, 30.6123



Tritanopia

63.1954, 52.1521, 49.3834

Trichromacy



Original Color

60.3904, 52.2208, 30.9415

Protanomaly

52.6060, 51.9826, 33.6466

Deuteranomaly

55.8954, 52.2235, 30.8010

Tritanomaly

61.9435, 51.9456, 41.8837

Monochromacy



Original Color

60.3904, 52.2208, 30.9415

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.6112, 51.7066, 46.2372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3904, 52.2208, 30.9415 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, 171, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 138)  
}
```

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, 171, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 138) }
```

Border

The CSS property to change the border of an element to XYZ 60.3904, 52.2208, 30.9415 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, 171, 138) }
```


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

```
.border{ border-color:rgb(255, 171, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3904, 52.2208, 30.9415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 138) }
```

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

```
.background{ background-color: rgb(255,  
171, 138) }
```

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