

Converting Colors

XYZ(119.6177, 73.3161,
21.6382)

Have a look what the booklet for
XYZ(119.6177, 73.3161, 21.6382)
contains.

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Color

**XYZ(52.0101, 38.5541,
18.6104)**

Conversions

Conversions Part 1

Format	Color
Hex	FF836B
RGB	255, 131, 107
RGB Percent	100%, 51%, 42%
CMY	0.0000, 0.4862, 0.5804
CMYK	0.00, 0.49, 0.58, 0.00
HSL	10°, 100%, 71%
HSV	10°, 58%, 100%
XYZ	52.0101, 38.5541, 18.6104
YIQ	165.3400, 81.6080, 18.8240

Conversions

Conversions Part 2

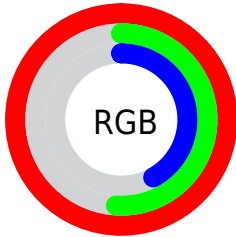
Format	Color
R_{YB}	255, 136, 107
Decimal	16745323
CIE _{Lab}	68.43, 45.06, 34.57
CIE _{LCh}	68, 56.791, 37.499
Yxy	38.5541, 0.4764, 0.3531
Android (android.graphics.Color)	4294935403 (0xFFFF836B)
YUV	165.3400, -28.7616, 78.6318
Hunter-Lab	62.0919, 40.8561, 25.6938

Details

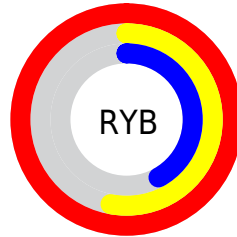
The XYZ color **52.0101, 38.5541, 18.6104** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **52.6874, 67.4937, 104.8579**, and the grayscale version is **36.0350, 37.9116, 41.2858**.

A 20% lighter version of the original color is **65.0569, 58.8810, 40.7372**, and **25.5061, 17.1020, 6.0944** is the 20% darker color. If you saturate the color by 10%, you get **48.2815, 32.9367, 11.6962**, and if you desaturate by 10%, it is **56.7276, 45.5168, 27.8058**.

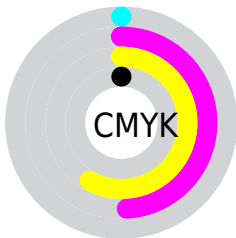
Distribution



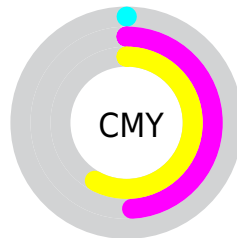
- Red (100%)
- Green (51%)
- Blue (42%)



- Red (100%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (49%)
- Yellow (58%)
- Black (0%)





- Cyan (0%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0101, 38.5541, 18.6104 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 52.0101, 38.5541, 18.6104 by changing the saturation by 10% instead.


 52.0101, 38.5541,
18.6104


 52.0101, 38.5541,
18.6104


384.7989,
339.9910, 256.6401

 37.2374, 26.4130,
11.2151


 92.3203, 72.9566,
41.9026


 25.5659, 17.1329,
6.0957


 118.5885, 95.9869,
58.6367

 16.6301, 10.3293,
2.8337


 149.4193,
123.4157, 79.3207

 10.0648, 5.6178,
1.0103

 185.1779,
155.6273, 104.3733

 5.5045, 2.6141,
0.0000

226.2299,
193.0063, 134.2130

 2.5840, 0.9338,
0.0000

272.9405,

 0.9378, 0.0000,

235.9370, 169.2584

0.0000

325.6750,
284.8037, 209.9279

■ 0.0000, 0.0000,
0.0000

■ 52.0101, 38.5541,
18.6104

■ 52.0101, 38.5541,
18.6104

■ 48.2815, 32.9367,
11.6962

■ 56.7276, 45.5168,
27.8058

■ 45.4664, 28.5710,
6.8600

■ 62.4963, 53.8984,
39.4578

■ 43.4828, 25.3606,
3.8654

■ 69.3765, 63.7742,
53.7268

■ 42.2268, 23.1901,
2.3942

■ 77.4230, 75.2124,
70.7591

■ 42.0453, 22.8710,
2.1985

■ 86.6871, 88.2770,
90.6901

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.



56.4211, 38.5541, 35.8876



52.0101, 38.5541, 18.6104



43.6100, 38.5541, 10.9818

Triad

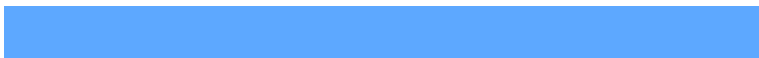
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0101, 38.5541, 18.6104



22.9700, 38.5541, 25.8433



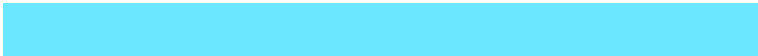
38.9294, 38.5541, 111.9636

Complementary

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



52.0101, 38.5541, 18.6104



52.6874, 67.4937, 104.8579

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.



30.4632, 38.5541, 105.6987



52.0101, 38.5541, 18.6104



22.1313, 38.5541, 48.7230

Square

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



52.0101, 38.5541, 18.6104



27.1617, 38.5541, 13.8189



24.6493, 38.5541, 79.5542



48.1116, 38.5541, 94.2697

Rectangle

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



52.0101, 38.5541, 18.6104



37.3983, 38.5541, 9.5392



24.6493, 38.5541, 79.5542



35.9009, 38.5541, 112.6833

Sweetspot

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



52.0110, 38.5561, 18.6111



78.3281, 76.4929, 72.6924



61.1770, 37.6473, 80.9831



16.3934, 15.8460, 14.7649



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.



52.0110, 38.5561, 18.6111



47.6599, 31.9847, 10.5907



65.2969, 65.1279, 23.0397



18.2473, 18.4628, 18.7463



22.0394, 12.0899, 1.1720



2.2104, 1.3061, 0.1356

Inverse Universe

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



52.6874, 67.4937, 104.8579



48.2792, 63.1947, 104.2610



36.4773, 35.0736, 99.4545



18.2892, 19.9501, 23.1368



22.0418, 28.9932, 53.8691



2.2102, 2.9510, 5.2664

Previews

White Background



This preview shows how the XYZ color 52.0101, 38.5541, 18.6104 looks on a white background.

Color Contrast Check

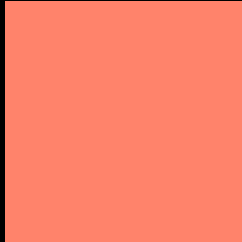
Large Text (above 18pt) WCAG AA × Fail

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 52.0101, 38.5541, 18.6104 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 52.0101, 38.5541, 18.6104

Background



This preview shows how black text looks on a background with the XYZ color 52.0101, 38.5541, 18.6104.



This preview shows how white text looks on a background with the XYZ color 52.0101, 38.5541,

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

52.0101, 38.5541, 18.6104

Protanopia

36.1540, 38.7459, 23.9855

Deuteranopia

39.5977, 38.7974, 17.9720



Tritanopia

53.4745, 38.5045, 28.2806

Trichromacy



Original Color

52.0101, 38.5541, 18.6104

Protanomaly

40.4986, 37.6610, 21.9644

Deuteranomaly

43.3703, 38.0240, 18.1502

Tritanomaly

52.8562, 38.4669, 24.3777

Monochromacy



Original Color

52.0101, 38.5541, 18.6104

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.7140, 36.8018, 31.3959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0101, 38.5541, 18.6104 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, 131, 107)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 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, 131, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 107) }
```

Border

The CSS property to change the border of an element to XYZ 52.0101, 38.5541, 18.6104 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, 131, 107) }
```


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

```
.border{ border-color:rgb(255, 131, 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, 131, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 107);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0101, 38.5541, 18.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 107) }
```

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

```
.background{ background-color: rgb(255,  
131, 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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