

Converting Colors

XYZ(51.7272, 38.1917, 17.8891)

Have a look what the booklet for
XYZ(51.7272, 38.1917, 17.8891)
contains.

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Color

**XYZ(51.7724, 38.2452,
18.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8269
RGB	255, 130, 105
RGB Percent	100%, 51%, 41%
CMY	0.0000, 0.4902, 0.5882
CMYK	0.00, 0.49, 0.59, 0.00
HSL	10°, 100%, 71%
HSV	10°, 59%, 100%
XYZ	51.7724, 38.2452, 18.0180
YIQ	164.5250, 82.5250, 18.7250

Conversions

Conversions Part 2

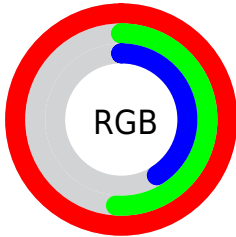
Format	Color
R_{YB}	255, 135, 105
Decimal	16745065
CIE _{Lab}	68.20, 45.41, 35.37
CIE _{LCh}	68, 57.558, 37.919
Yxy	38.2452, 0.4792, 0.3540
Android (android.graphics.Color)	4294935145 (0xFFFF8269)
YUV	164.5250, -29.3458, 79.3466
Hunter-Lab	61.8427, 41.2088, 26.0156

Details

The XYZ color **51.7724, 38.2452, 18.0180** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **52.1705, 66.8128, 104.7536**, and the grayscale version is **35.6462, 37.5026, 40.8403**.

A 20% lighter version of the original color is **64.6748, 58.3922, 39.7604**, and **25.3847, 16.9406, 5.8028** is the 20% darker color. If you saturate the color by 10%, you get **48.1123, 32.7177, 11.2725**, and if you desaturate by 10%, it is **56.4107, 45.1010, 27.0282**.

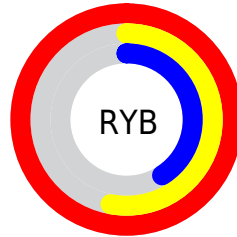
Distribution



Red (100%)

Green (51%)

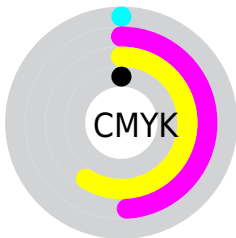
Blue (41%)



Red (100%)

Yellow (53%)

Blue (41%)

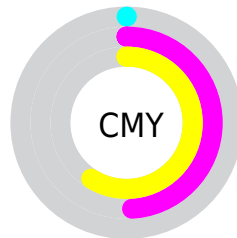


Cyan (0%)

Magenta (49%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7724, 38.2452, 18.0180 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 51.7724, 38.2452, 18.0180 by changing the saturation by 10% instead.


 51.7724, 38.2452,
18.0180


 51.7724, 38.2452,
18.0180


383.8957,
338.6706, 253.2120

 37.0472, 26.1731,
10.7933


 91.9717, 72.4838,
40.8823

 25.4179, 16.9531,
5.8156


 118.1766, 95.4191,
57.3591

 16.5191, 10.2011,
2.6663


 148.9387,
122.7441, 77.7570

 9.9854, 5.5325,
0.9264

 184.6234,
154.8434, 102.4945

 5.4514, 2.5630,
0.0000

225.5961,
192.1013, 131.9902

 2.5520, 0.9081,
0.0000

272.2222,

 0.9215, 0.0000,

234.9022, 166.6627

0.0000

324.8669,
283.6305, 206.9304

■ 0.0000, 0.0000,
0.0000

■ 51.7724, 38.2452,
18.0180

■ 51.7724, 38.2452,
18.0180

■ 48.1123, 32.7177,
11.2725

■ 56.4107, 45.1010,
27.0282

■ 45.3553, 28.4256,
6.5864

■ 62.0895, 53.3581,
38.4797

■ 43.4189, 25.2732,
3.7201

■ 68.8689, 63.0910,
52.5342

■ 42.1951, 23.1442,
2.3295

■ 76.8036, 74.3673,
69.3385

■ 42.0860, 22.9523,
2.2121

■ 85.9445, 87.2506,
89.0289

95.0497, 99.9999,
108.9000

Harmonies

Analogous

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



56.3121, 38.2452, 35.1848



51.7724, 38.2452, 18.0180



43.2476, 38.2452, 10.5424

Triad

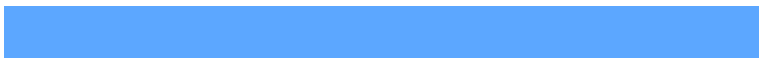
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7724, 38.2452, 18.0180



22.5646, 38.2452, 25.6602



38.7860, 38.2452, 112.4870

Complementary

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



51.7724, 38.2452, 18.0180



52.1705, 66.8128, 104.7536

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.



30.2294, 38.2452, 106.4672



51.7724, 38.2452, 18.0180



21.7710, 38.2452, 48.8457

Square

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



51.7724, 38.2452, 18.0180



26.7248, 38.2452, 13.5158



24.3432, 38.2452, 80.0997



48.0486, 38.2452, 94.2114

Rectangle

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



51.7724, 38.2452, 18.0180



36.9826, 38.2452, 9.1663



24.3432, 38.2452, 80.0997



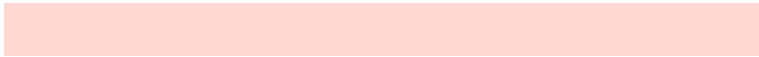
35.7264, 38.2452, 113.3418

Sweetspot

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



51.7733, 38.2472, 18.0187



77.5100, 75.3664, 70.8485



60.5743, 37.0764, 78.8265



16.0638, 15.3861, 14.0406



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.



51.7733, 38.2472, 18.0187



47.4381, 31.6813, 10.0846



65.6209, 65.9424, 22.6345



18.2540, 18.4762, 18.7485



22.0622, 12.1356, 1.1796



2.2136, 1.3125, 0.1367

Inverse Universe

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



52.1705, 66.8128, 104.7536



47.7458, 62.4251, 104.1405



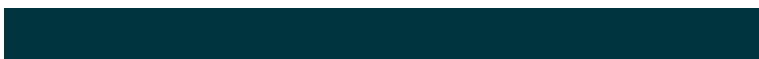
35.5972, 33.6662, 99.2292



18.2819, 19.9355, 23.1343



21.8927, 28.6949, 53.8194



2.1970, 2.9247, 5.2620

Previews

White Background



This preview shows how the XYZ color 51.7724, 38.2452, 18.0180 looks on a white background.

Color Contrast Check

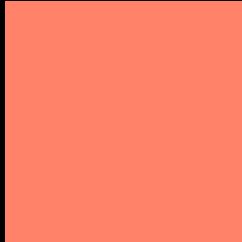
Large Text (above 18pt) WCAG AA × Fail

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 51.7724, 38.2452, 18.0180 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 51.7724, 38.2452, 18.0180

Background



This preview shows how black text looks on a background with the XYZ color 51.7724, 38.2452, 18.0180.



This preview shows how white text looks on a background with the XYZ color 51.7724, 38.2452,

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

51.7724, 38.2452, 18.0180

Protanopia

35.7993, 38.5772, 23.3286

Deuteranopia

39.0555, 38.2729, 17.3856



Tritanopia

53.2733, 38.2163, 27.8612

Trichromacy



Original Color

51.7724, 38.2452, 18.0180

Protanomaly

40.3822, 37.6144, 21.3516

Deuteranomaly

42.8070, 37.5113, 17.5546

Tritanomaly

52.6608, 38.1790, 23.9958

Monochromacy



Original Color

51.7724, 38.2452, 18.0180

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.4749, 36.4454, 30.9407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7724, 38.2452, 18.0180 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, 130, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 105) }
```

Border

The CSS property to change the border of an element to XYZ 51.7724, 38.2452, 18.0180 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, 130, 105) }
```


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

```
.border{ border-color:rgb(255, 130, 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, 130, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7724, 38.2452, 18.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 105) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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