

Converting Colors

XYZ(52.0241, 38.8113, 18.0017)

Have a look what the booklet for
XYZ(52.0241, 38.8113, 18.0017)
contains.

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Color

**XYZ(52.0411, 38.7824,
18.1075)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8469
RGB	255, 132, 105
RGB Percent	100%, 52%, 41%
CMY	0.0000, 0.4823, 0.5882
CMYK	0.00, 0.48, 0.59, 0.00
HSL	11°, 100%, 71%
HSV	11°, 59%, 100%
XYZ	52.0411, 38.7824, 18.1075
YIQ	165.6990, 81.9750, 17.6790

Conversions

Conversions Part 2

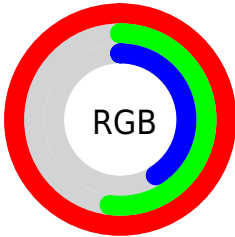
Format	Color
R _Y B	255, 138, 105
Decimal	16745577
CIE Lab	68.59, 44.42, 35.87
CIE LCh	69, 57.092, 38.919
Yxy	38.7824, 0.4777, 0.3560
Android (android.graphics.Color)	4294935657 (0xFFFF8469)
YUV	165.6990, -29.9246, 78.3170
Hunter-Lab	62.2755, 40.1830, 26.3534

Details

The XYZ color **52.0411, 38.7824, 18.1075** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **51.6174, 65.7065, 104.5695**, and the grayscale version is **36.2134, 38.0993, 41.4901**.

A 20% lighter version of the original color is **65.0961, 59.2350, 39.9008**, and **25.5268, 17.2248, 5.8502** is the 20% darker color. If you saturate the color by 10%, you get **48.3647, 33.2222, 11.3566**, and if you desaturate by 10%, it is **56.6804, 45.6402, 27.1180**.

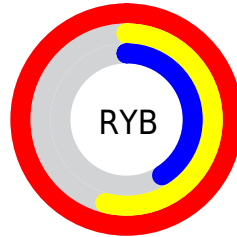
Distribution



Red (100%)

Green (52%)

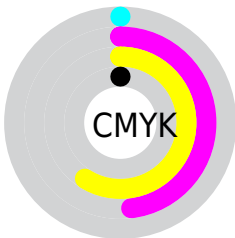
Blue (41%)



Red (100%)

Yellow (54%)

Blue (41%)

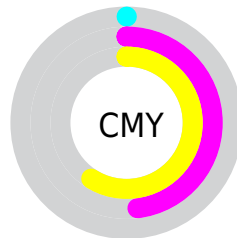


Cyan (0%)

Magenta (48%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (48%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0411, 38.7824, 18.1075 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 52.0411, 38.7824, 18.1075 by changing the saturation by 10% instead.

52.0411, 38.7824,
18.1075

52.0411, 38.7824,
18.1075

384.9166,
340.9645, 253.7327

37.2622, 26.5905,
10.8570

92.3657, 73.3058,
41.0368

25.5852, 17.2659,
5.8578

118.6422, 96.4060,
57.5527

16.6446, 10.4243,
2.6914

149.4819,
123.9112, 77.9941

10.0752, 5.6812,
0.9391

185.2502,
156.2057, 102.7795

5.5115, 2.6522,
0.0000

226.3125,
193.6738, 132.3276

2.5882, 0.9530,
0.0000

273.0341,

0.9399, 0.0000,

236.7001, 167.0567

0.0000

325.7803,
285.6688, 207.3856

■ 0.0000, 0.0000,
0.0000

■ 52.0411, 38.7824,
18.1075

■ 52.0411, 38.7824,
18.1075

■ 48.3647, 33.2222,
11.3566

■ 56.6804, 45.6402,
27.1180

■ 45.5780, 28.8707,
6.6606

■ 62.3430, 53.8649,
38.5642

■ 43.6010, 25.6371,
3.7808

■ 69.0875, 63.5279,
52.6070

■ 42.3285, 23.4110,
2.3740

■ 76.9670, 74.6940,
69.3930

■ 42.2134, 23.2070,
2.2545

■ 86.0313, 87.4238,
89.0578

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.



56.7497, 38.7824, 34.9965



52.0411, 38.7824, 18.1075



43.4469, 38.7824, 10.7997

Triad

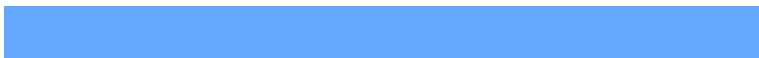
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0411, 38.7824, 18.1075



22.9507, 38.7824, 26.7843



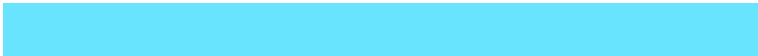
39.6117, 38.7824, 112.6039

Complementary

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



52.0411, 38.7824, 18.1075



51.6174, 65.7065, 104.5695

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.



30.9776, 38.7824, 107.4553



52.0411, 38.7824, 18.1075



22.2653, 38.7824, 50.3916

Square

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



52.0411, 38.7824, 18.1075



27.0187, 38.7824, 14.2029



24.9643, 38.7824, 81.6692



48.8443, 38.7824, 93.7530

Rectangle

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



52.0411, 38.7824, 18.1075



37.1892, 38.7824, 9.5201



24.9643, 38.7824, 81.6692



36.5358, 38.7824, 113.7438

Sweetspot

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



52.0420, 38.7845, 18.1082



77.6678, 75.6820, 70.9011



60.5745, 37.0765, 78.8267



16.1016, 15.4616, 14.0532



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.



52.0420, 38.7845, 18.1082



47.6849, 32.1749, 10.1668



65.6211, 65.9426, 22.6346



18.2738, 18.5158, 18.7551



22.1333, 12.2778, 1.2033



2.2234, 1.3321, 0.1399

Inverse Universe

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



51.6174, 65.7065, 104.5695



47.0987, 61.1308, 103.9248



35.5973, 33.6663, 99.2295



18.2604, 19.8923, 23.1271



21.4575, 27.8246, 53.6743



2.1585, 2.8477, 5.2492

Previews

White Background



This preview shows how the XYZ color 52.0411, 38.7824, 18.1075 looks on a white background.

Color Contrast Check

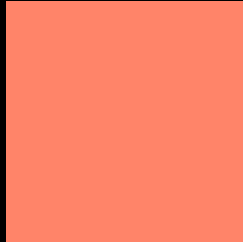
Large Text (above 18pt) WCAG AA × Fail

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 52.0411, 38.7824, 18.1075 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 52.0411, 38.7824, 18.1075

Background



This preview shows how black text looks on a background with the XYZ color 52.0411, 38.7824, 18.1075.



This preview shows how white text looks on a background with the XYZ color 52.0411, 38.7824,

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

52.0411, 38.7824, 18.1075

Protanopia

36.3885, 39.1609, 23.0937

Deuteranopia

39.7729, 38.8991, 17.4686



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

52.0411, 38.7824, 18.1075

Protanomaly

40.7710, 38.0675, 21.1185

Deuteranomaly

43.7360, 38.4600, 17.6887

Tritanomaly

52.9885, 38.7316, 24.4218

Monochromacy



Original Color

52.0411, 38.7824, 18.1075

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.8783, 37.1306, 31.4507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0411, 38.7824, 18.1075 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, 132, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 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, 132, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 105) }
```

Border

The CSS property to change the border of an element to XYZ 52.0411, 38.7824, 18.1075 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, 132, 105) }
```


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

```
.border{ border-color:rgb(255, 132, 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, 132, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0411, 38.7824, 18.1075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 105) }
```

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

```
.background{ background-color: rgb(255,  
132, 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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