

Converting Colors

XYZ(119.2138, 75.7197,
21.1575)

Have a look what the booklet for
XYZ(119.2138, 75.7197, 21.1575)
contains.

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Color

**XYZ(53.5106, 41.8842,
18.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F67
RGB	255, 143, 103
RGB Percent	100%, 56%, 40%
CMY	0.0000, 0.4392, 0.5961
CMYK	0.00, 0.44, 0.60, 0.00
HSL	16°, 100%, 70%
HSV	16°, 60%, 100%
XYZ	53.5106, 41.8842, 18.0961
YIQ	171.9280, 79.5920, 11.3040

Conversions

Conversions Part 2

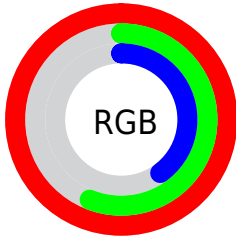
Format	Color
R _Y B	255, 157, 103
Decimal	16748391
CIE Lab	70.79, 38.76, 39.68
CIE LCh	71, 55.470, 45.670
Yxy	41.8842, 0.4715, 0.3691
Android (android.graphics.Color)	4294938471 (0xFFFF8F67)
YUV	171.9280, -33.9815, 72.8541
Hunter-Lab	64.7180, 34.3321, 28.7243

Details

The XYZ color **53.5106, 41.8842, 18.0961** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.9422, 58.7009, 103.4107**, and the grayscale version is **39.3157, 41.3632, 45.0445**.

A 20% lighter version of the original color is **67.3505, 64.0147, 39.8167**, and **26.4230, 19.0955, 5.9076** is the 20% darker color. If you saturate the color by 10%, you get **49.8322, 36.2731, 11.4894**, and if you desaturate by 10%, it is **58.0535, 48.6004, 26.9166**.

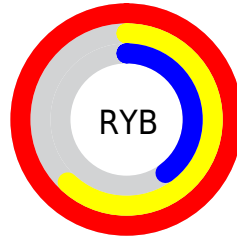
Distribution



Red (100%)

Green (56%)

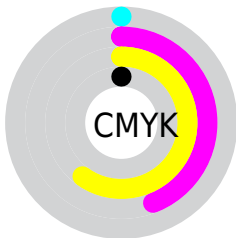
Blue (40%)



Red (100%)

Yellow (62%)

Blue (40%)

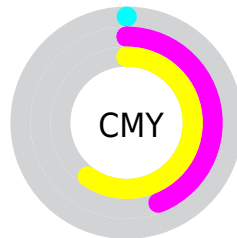


Cyan (0%)

Magenta (44%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5106, 41.8842, 18.0961 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 53.5106, 41.8842, 18.0961 by changing the saturation by 10% instead.

53.5106, 41.8842,
18.0961

53.5106, 41.8842,
18.0961

390.4699,
354.0027, 253.6664

38.4396, 29.0106,
10.8488

94.5164, 78.0243,
41.0172

26.5028, 19.0889,
5.8524

121.1820,
102.0597, 57.5280

17.3349, 11.7345,
2.6882

152.4431,
130.5844, 77.9639

10.5703, 6.5632,
0.9375

188.6652,
163.9829, 102.7432

5.8438, 3.1904,
0.0000

230.2135,
202.6396, 132.2846

2.7901, 1.2320,
0.0000

277.4535,

1.0438, 0.0876,

246.9389, 167.0066

0.0000

330.7505,
297.2651, 207.3277

■ 0.0000, 0.0000,
0.0000

■ 53.5106, 41.8842,
18.0961

■ 53.5106, 41.8842,
18.0961

■ 49.8322, 36.2731,
11.4894

■ 58.0535, 48.6004,
26.9166

■ 46.9552, 31.6990,
6.8927

■ 63.5120, 56.4719,
38.1251

■ 44.8112, 28.0954,
4.0681

■ 69.9365, 65.5533,
51.8811

■ 43.3036, 25.3787,
2.6450

■ 77.3724, 75.8939,
68.3294

■ 43.2538, 25.2880,
2.6013

■ 85.8626, 87.5401,
87.6039

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.



59.4099, 41.8842, 33.2326



53.5106, 41.8842, 18.0961



44.3555, 41.8842, 12.0025

Triad

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



53.5106, 41.8842, 18.0961



24.9991, 41.8842, 34.1687



44.7867, 41.8842, 113.9369

Complementary

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



53.5106, 41.8842, 18.0961



47.9422, 58.7009, 103.4107

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.



35.5856, 41.8842, 114.5029



53.5106, 41.8842, 18.0961



25.0778, 41.8842, 60.7198

Square

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



53.5106, 41.8842, 18.0961



28.4385, 41.8842, 18.5526



28.6731, 41.8842, 92.3525



53.8679, 41.8842, 91.0171

Rectangle

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



53.5106, 41.8842, 18.0961



38.0857, 41.8842, 11.4646



28.6731, 41.8842, 92.3525



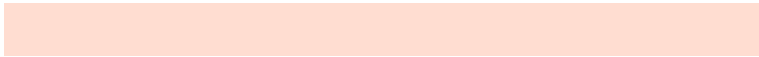
41.5849, 41.8842, 116.9772

Sweetspot

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



53.5116, 41.8864, 18.0969



78.6653, 77.6769, 71.2336



58.6145, 35.9704, 69.4992



16.3411, 15.9406, 14.1331



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.



53.5116, 41.8864, 18.0969



49.0735, 35.0867, 10.2147



68.5008, 71.8648, 23.0933



18.3981, 18.7644, 18.7965



22.7039, 13.4190, 1.3935



2.2952, 1.4757, 0.1639

Inverse Universe

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



47.9422, 58.7009, 103.4107



42.9124, 53.0436, 102.5845



33.1686, 29.1536, 98.4862



18.1266, 19.6248, 23.0825



18.9435, 22.7966, 52.8363



1.9337, 2.3980, 5.1742

Previews

White Background



This preview shows how the XYZ color 53.5106, 41.8842, 18.0961 looks on a white background.

Color Contrast Check

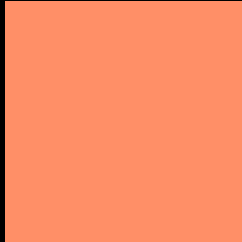
Large Text (above 18pt) WCAG AA × Fail

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 53.5106, 41.8842, 18.0961 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 53.5106, 41.8842, 18.0961

Background



This preview shows how black text looks on a background with the XYZ color 53.5106, 41.8842, 18.0961.



This preview shows how white text looks on a background with the XYZ color 53.5106, 41.8842,

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

53.5106, 41.8842, 18.0961

Protanopia

38.9696, 42.2013, 22.3114

Deuteranopia

42.9922, 42.1513, 17.4254



Tritanopia

55.8179, 41.8634, 33.1555

Trichromacy



Original Color

53.5106, 41.8842, 18.0961



Protanomaly

43.1178, 41.3391, 20.7456



Deuteranomaly

46.5220, 41.8678, 17.6859



Tritanomaly

54.7829, 41.6821, 26.9879

Monochromacy



Original Color

53.5106, 41.8842, 18.0961



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

42.3685, 40.1529, 33.1210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5106, 41.8842, 18.0961 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, 143, 103)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 103)  
}
```

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, 143, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 103) }
```

Border

The CSS property to change the border of an element to XYZ 53.5106, 41.8842, 18.0961 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, 143, 103) }
```


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

```
.border{ border-color:rgb(255, 143, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 103);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5106, 41.8842, 18.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 103) }
```

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

```
.background{ background-color: rgb(255,  
143, 103) }
```

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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