

Converting Colors

XYZ(52.5574, 39.8521, 18.1658)

Have a look what the booklet for
XYZ(52.5574, 39.8521, 18.1658)
contains.

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Color

**XYZ(52.5940, 39.8882,
18.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8869
RGB	255, 136, 105
RGB Percent	100%, 53%, 41%
CMY	0.0000, 0.4666, 0.5882
CMYK	0.00, 0.47, 0.59, 0.00
HSL	12°, 100%, 71%
HSV	12°, 59%, 100%
XYZ	52.5940, 39.8882, 18.2918
YIQ	168.0470, 80.8750, 15.5870

Conversions

Conversions Part 2

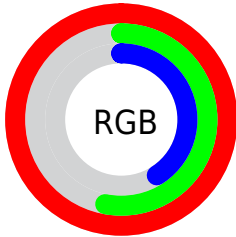
Format	Color
R _Y B	255, 144, 105
Decimal	16746601
CIE Lab	69.39, 42.43, 36.87
CIE LCh	69, 56.210, 40.988
Yxy	39.8882, 0.4748, 0.3601
Android (android.graphics.Color)	4294936681 (0xFFFF8869)
YUV	168.0470, -31.0822, 76.2578
Hunter-Lab	63.1571, 38.1207, 27.0382

Details

The XYZ color **52.5940, 39.8882, 18.2918** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **50.5297, 63.5312, 104.2070**, and the grayscale version is **37.3636, 39.3094, 42.8080**.

A 20% lighter version of the original color is **65.9566, 60.9559, 40.1877**, and **25.8241, 17.8194, 5.9493** is the 20% darker color. If you saturate the color by 10%, you get **48.8894, 34.2716, 11.5315**, and if you desaturate by 10%, it is **57.2310, 46.7415, 27.3016**.

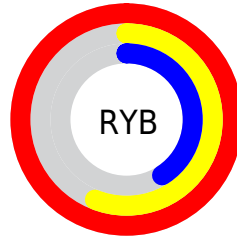
Distribution



Red (100%)

Green (53%)

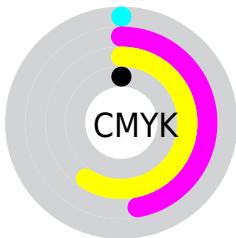
Blue (41%)



Red (100%)

Yellow (56%)

Blue (41%)

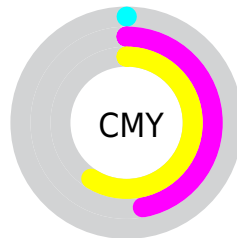


Cyan (0%)

Magenta (47%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5940, 39.8882, 18.2918 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 52.5940, 39.8882, 18.2918 by changing the saturation by 10% instead.


 52.5940, 39.8882,
18.2918


 52.5940, 39.8882,
18.2918


387.0119,
345.6521, 254.8018

 37.7049, 27.4514,
10.9881

 93.1757, 74.9932,
41.3546


 25.9299, 17.9125,
5.9448


 119.5991, 98.4303,
57.9507

 16.9036, 10.8872,
2.7433


 150.5980,
126.3028, 78.4813

 10.2607, 5.9910,
0.9651

 186.5377,
158.9952, 103.3651

 5.6357, 2.8396,
0.0000

227.7835,
196.8920, 133.0205

 2.6634, 1.0486,
0.0000

274.7010,

 0.9784, 0.0000,

240.3775, 167.8660

0.0000

327.6553,
289.8361, 208.3203

■ 0.0000, 0.0000,
0.0000

■ 52.5940, 39.8882,
18.2918

■ 52.5940, 39.8882,
18.2918

■ 48.8894, 34.2716,
11.5315

■ 57.2310, 46.7415,
27.3016

■ 46.0477, 29.8101,
6.8172

■ 62.8574, 54.8937,
38.7357

■ 43.9934, 26.4220,
3.9116

■ 69.5288, 64.4105,
52.7541

■ 42.6269, 24.0076,
2.4734

■ 77.2955, 75.3510,
69.5026

■ 42.4998, 23.7799,
2.3500

■ 86.2048, 87.7710,
89.1158

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.



57.6483, 39.8882, 34.6232



52.5940, 39.8882, 18.2918



43.8575, 39.8882, 11.3335

Triad

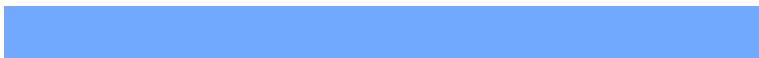
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.5940, 39.8882, 18.2918



23.7472, 39.8882, 29.1575



41.3205, 39.8882, 112.8561

Complementary

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



52.5940, 39.8882, 18.2918



50.5297, 63.5312, 104.2070

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.



32.5307, 39.8882, 109.4846



52.5940, 39.8882, 18.2918



23.2895, 39.8882, 53.6196

Square

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



52.5940, 39.8882, 18.2918



27.6227, 39.8882, 15.6629



26.2542, 39.8882, 84.9129



50.4848, 39.8882, 92.8449

Rectangle

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



52.5940, 39.8882, 18.2918



37.6140, 39.8882, 10.2638



26.2542, 39.8882, 84.9129



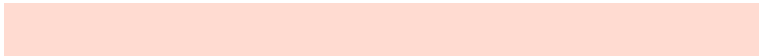
38.2127, 39.8882, 114.5744

Sweetspot

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



52.5950, 39.8903, 18.2925



77.9852, 76.3167, 71.0069



59.8822, 36.7996, 75.1811



16.1777, 15.6138, 14.0786



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.



52.5950, 39.8903, 18.2925



48.1998, 33.2046, 10.3385



66.8364, 68.3732, 23.0397



18.3135, 18.5952, 18.7683



22.2919, 12.5951, 1.2562



2.2443, 1.3740, 0.1469

Inverse Universe

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



50.5297, 63.5312, 104.2070



45.8316, 58.5966, 103.5024



34.7823, 32.0363, 98.9578



18.2173, 19.8062, 23.1128



20.6138, 26.1373, 53.3931



2.0835, 2.6978, 5.2242

Previews

White Background



This preview shows how the XYZ color 52.5940, 39.8882, 18.2918 looks on a white background.

Color Contrast Check

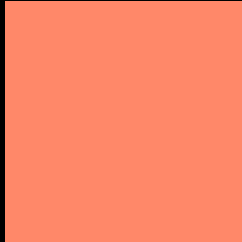
Large Text (above 18pt) WCAG AA × Fail

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 52.5940, 39.8882, 18.2918 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 52.5940, 39.8882, 18.2918

Background



This preview shows how black text looks on a background with the XYZ color 52.5940, 39.8882, 18.2918.



This preview shows how white text looks on a background with the XYZ color 52.5940, 39.8882,

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

52.5940, 39.8882, 18.2918

Protanopia

37.1732, 40.1247, 22.9252

Deuteranopia

40.6742, 39.8826, 17.6109



Tritanopia

54.5100, 39.9881, 30.4367

Trichromacy



Original Color

52.5940, 39.8882, 18.2918

Protanomaly

41.5020, 39.2013, 21.0020

Deuteranomaly

44.5300, 39.5891, 17.8648

Tritanomaly

53.7275, 39.8952, 25.6377

Monochromacy



Original Color

52.5940, 39.8882, 18.2918

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.8187, 38.1006, 31.9908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5940, 39.8882, 18.2918 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, 136, 105)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 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, 136, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 105) }
```

Border

The CSS property to change the border of an element to XYZ 52.5940, 39.8882, 18.2918 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, 136, 105) }
```


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

```
.border{ border-color:rgb(255, 136, 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, 136, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 105);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5940, 39.8882, 18.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 105) }
```

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

```
.background{ background-color: rgb(255,  
136, 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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