

Converting Colors

XYZ(52.4873, 39.9178, 17.5092)

Have a look what the booklet for
XYZ(52.4873, 39.9178, 17.5092)
contains.

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Color

**XYZ(52.4424, 39.8276,
17.4939)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8866
RGB	255, 136, 102
RGB Percent	100%, 53%, 40%
CMY	0.0000, 0.4666, 0.6000
CMYK	0.00, 0.47, 0.60, 0.00
HSL	13°, 100%, 70%
HSV	13°, 60%, 100%
XYZ	52.4424, 39.8276, 17.4939
YIQ	167.7050, 81.8380, 14.6540

Conversions

Conversions Part 2

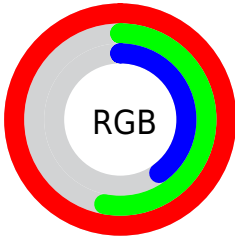
Format	Color
R _Y B	255, 146, 102
Decimal	16746598
CIE Lab	69.35, 42.22, 38.42
CIE LCh	69, 57.087, 42.302
Yxy	39.8276, 0.4778, 0.3628
Android (android.graphics.Color)	4294936678 (0xFFFF8866)
YUV	167.7050, -32.3926, 76.5577
Hunter-Lab	63.1091, 37.8890, 27.7411

Details

The XYZ color **52.4424, 39.8276, 17.4939** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **49.3842, 61.7541, 103.9241**, and the grayscale version is **37.2016, 39.1389, 42.6223**.

A 20% lighter version of the original color is **65.7035, 60.8547, 38.8550**, and **25.7514, 17.7903, 5.5667** is the 20% darker color. If you saturate the color by 10%, you get **48.8274, 34.3200, 10.9802**, and if you desaturate by 10%, it is **56.9649, 46.5285, 26.2290**.

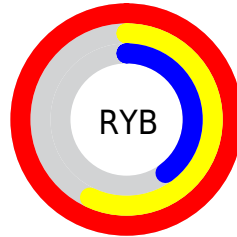
Distribution



Red (100%)

Green (53%)

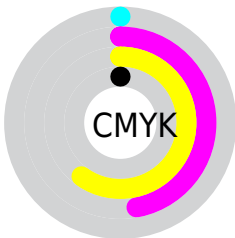
Blue (40%)



Red (100%)

Yellow (57%)

Blue (40%)

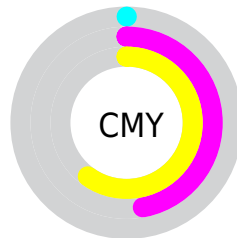


Cyan (0%)

Magenta (47%)

Yellow (60%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4424, 39.8276, 17.4939 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 52.4424, 39.8276, 17.4939 by changing the saturation by 10% instead.


 52.4424, 39.8276,
17.4939


 52.4424, 39.8276,
17.4939


386.4381,
345.3964, 250.1423


 37.5835, 27.4042,
10.4216

 92.9537, 74.9009,
39.9753


 25.8353, 17.8770,
5.5701


 119.3369, 98.3196,
56.2214

 16.8325, 10.8617,
2.5210


 150.2922,
126.1721, 76.3625

 10.2097, 5.9739,
0.8512


 186.1850,
158.8429, 100.8172

 5.6016, 2.8292,
0.0000

227.3806,
196.7163, 130.0040

 2.6427, 1.0432,
0.0000

274.2444,

 0.9678, 0.0000,

240.1768, 164.3414

0.0000

327.1418,
289.6087, 204.2480

■ 0.0000, 0.0000,
0.0000

■ 52.4424, 39.8276,
17.4939

■ 52.4424, 39.8276,
17.4939

■ 48.8274, 34.3200,
10.9802

■ 56.9649, 46.5285,
26.2290

■ 46.0516, 29.9274,
6.4816

■ 62.4507, 54.4820,
37.3622

■ 44.0405, 26.5718,
3.7560

■ 68.9544, 63.7510,
51.0548

■ 42.6871, 24.1545,
2.4125

■ 76.5252, 74.3920,
67.4533

■ 42.6870, 24.1543,
2.4124

■ 85.2093, 86.4583,
86.6933

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.



57.8161, 39.8276, 33.4762



52.4424, 39.8276, 17.4939



43.4691, 39.8276, 10.8644

Triad

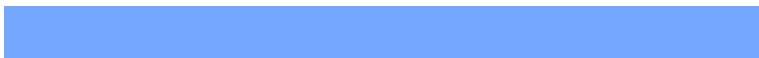
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.4424, 39.8276, 17.4939



23.4256, 39.8276, 29.7606



41.7353, 39.8276, 113.7315

Complementary

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



52.4424, 39.8276, 17.4939



49.3842, 61.7541, 103.9241

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.



32.7463, 39.8276, 111.4087



52.4424, 39.8276, 17.4939



23.1151, 39.8276, 55.0326

Square

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



52.4424, 39.8276, 17.4939



27.1895, 39.8276, 15.7229



26.2595, 39.8276, 86.9764



50.9980, 39.8276, 92.4300

Rectangle

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



52.4424, 39.8276, 17.4939



37.1515, 39.8276, 9.9578



26.2595, 39.8276, 86.9764



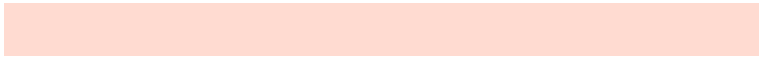
38.5672, 39.8276, 115.8713

Sweetspot

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



52.4433, 39.8297, 17.4946



78.1714, 76.6892, 71.0689



59.1560, 36.0288, 72.8381



16.2224, 15.7032, 14.0935



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.



52.4433, 39.8297, 17.4946



48.2074, 33.3544, 9.9260



67.0942, 69.1314, 22.3782



18.3367, 18.6416, 18.7761



22.3949, 12.8010, 1.2905



2.2575, 1.4003, 0.1513

Inverse Universe

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



49.3842, 61.7541, 103.9241



44.7732, 56.7652, 103.2047



33.7087, 30.4030, 98.6989



18.1923, 19.7561, 23.1044



20.1381, 25.1859, 53.2345



2.0411, 2.6128, 5.2100

Previews

White Background



This preview shows how the XYZ color 52.4424, 39.8276, 17.4939 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 52.4424, 39.8276, 17.4939 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 52.4424, 39.8276, 17.4939

Background



This preview shows how black text looks on a background with the XYZ color 52.4424, 39.8276, 17.4939.



This preview shows how white text looks on a background with the XYZ color 52.4424, 39.8276,

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

52.4424, 39.8276, 17.4939

Protanopia

37.2364, 40.1776, 22.0121

Deuteranopia

40.8101, 39.9691, 16.8731



Tritanopia

54.2990, 39.6856, 29.9975

Trichromacy



Original Color

52.4424, 39.8276, 17.4939

Protanomaly

41.6197, 39.2811, 20.1403

Deuteranomaly

44.3838, 39.5306, 17.0953

Tritanomaly

53.4583, 39.5674, 24.8984

Monochromacy



Original Color

52.4424, 39.8276, 17.4939

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

40.7419, 38.0699, 31.5865

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4424, 39.8276, 17.4939 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, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 102)  
}
```

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, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 102) }
```

Border

The CSS property to change the border of an element to XYZ 52.4424, 39.8276, 17.4939 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, 102) }
```


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

```
.border{ border-color:rgb(255, 136, 102) }
```

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, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4424, 39.8276, 17.4939 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, 102) }
```

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

```
.background{ background-color: rgb(255,  
136, 102) }
```

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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