

Converting Colors

XYZ(52.1174, 39.9240, 15.0844)

Have a look what the booklet for
XYZ(52.1174, 39.9240, 15.0844)
contains.

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Color

**XYZ(52.1174, 39.9240,
15.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	FF895C
RGB	255, 137, 92
RGB Percent	100%, 54%, 36%
CMY	0.0000, 0.4627, 0.6392
CMYK	0.00, 0.46, 0.64, 0.00
HSL	17°, 100%, 68%
HSV	17°, 64%, 100%
XYZ	52.1174, 39.9240, 15.0844
YIQ	167.1520, 84.7730, 11.0210

Conversions

Conversions Part 2

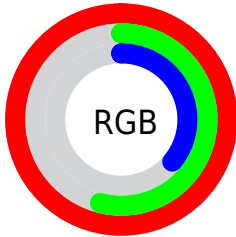
Format	Color
R_{YB}	255, 154, 92
Decimal	16746844
CIE _{Lab}	69.42, 41.08, 43.78
CIE _{LCh}	69, 60.034, 46.825
Yxy	39.9240, 0.4865, 0.3727
Android (android.graphics.Color)	4294936924 (0xFFFF895C)
YUV	167.1520, -37.0499, 77.0427
Hunter-Lab	63.1854, 36.6581, 30.0754

Details

The XYZ color **52.1174, 39.9240, 15.0844** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **45.5085, 55.5851, 102.9376**, and the grayscale version is **36.9518, 38.8762, 42.3362**.

A 20% lighter version of the original color is **65.0476, 60.9424, 34.3213**, and **25.6954, 18.0163, 4.5061** is the 20% darker color. If you saturate the color by 10%, you get **48.7812, 34.7456, 9.3676**, and if you desaturate by 10%, it is **56.2794, 46.1544, 22.9270**.

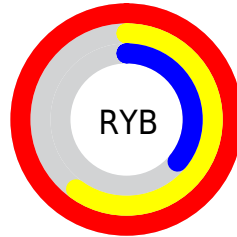
Distribution



Red (100%)

Green (54%)

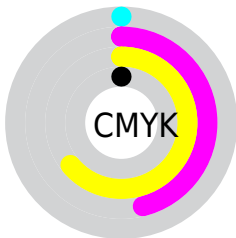
Blue (36%)



Red (100%)

Yellow (60%)

Blue (36%)

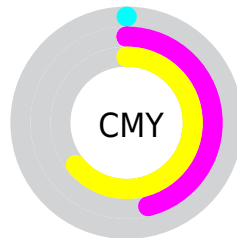


Cyan (0%)

Magenta (46%)

Yellow (64%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.1174, 39.9240, 15.0844 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 52.1174, 39.9240, 15.0844 by changing the saturation by 10% instead.


 52.1174, 39.9240,
15.0844

 52.1174, 39.9240,
15.0844


385.2062,
345.8031, 235.5349

 37.3233, 27.4793,
8.7314


 92.4776, 75.0478,
35.7456


 25.6327, 17.9335,
4.4720


 118.7743, 98.4956,
50.8908

 16.6803, 10.9023,
1.8877


 149.6361,
126.3800, 69.8038

 10.1007, 6.0011,
0.4849

 185.4281,
159.0852, 92.9032

 5.5286, 2.8458,
0.0000

226.5157,
196.9958, 120.6074

 2.5985, 1.0518,
0.0000

273.2644,

 0.9452, 0.0000,

240.4960, 153.3351

0.0000

326.0394,
289.9703, 191.5047

■ 0.0000, 0.0000,
0.0000

■ 52.1174, 39.9240,
15.0844

■ 52.1174, 39.9240,
15.0844

■ 48.7812, 34.7456,
9.3676

■ 56.2794, 46.1544,
22.9270

■ 46.2058, 30.5515,
5.5597

■ 61.3195, 53.4865,
33.0791


■ 44.3191, 27.2748,
3.3996

■ 67.2887, 61.9742,
45.7068

■ 43.4556, 25.6916,
2.6686

■ 74.2329, 71.6659,
60.9600

■ 82.1952, 82.6071,
78.9768

 91.2155, 94.8409,
99.8856

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.



58.6322, 39.9240, 29.8268



52.1174, 39.9240, 15.0844



42.3366, 39.9240, 9.5349

Triad

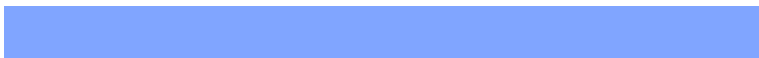
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.1174, 39.9240, 15.0844



22.5902, 39.9240, 32.4446



43.5772, 39.9240, 116.7953

Complementary

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



52.1174, 39.9240, 15.0844



45.5085, 55.5851, 102.9376

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.



33.8710, 39.9240, 118.4975



52.1174, 39.9240, 15.0844



22.8074, 39.9240, 60.7456

Square

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



52.1174, 39.9240, 15.0844



25.9553, 39.9240, 16.2981



26.6098, 39.9240, 94.9079



53.1574, 39.9240, 90.9346

Rectangle

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



52.1174, 39.9240, 15.0844



35.7830, 39.9240, 9.1679



26.6098, 39.9240, 94.9079



40.1956, 39.9240, 120.5040

Sweetspot

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



52.1183, 39.9261, 15.0851



78.0218, 76.8915, 69.4728



56.8919, 33.6443, 65.4745



16.2221, 15.7999, 13.7933



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.



52.1183, 39.9261, 15.0851



47.9105, 33.3524, 8.0027



67.9758, 71.6410, 20.3709



18.4175, 18.8032, 18.8030



22.8131, 13.6375, 1.4299



2.3080, 1.5015, 0.1682

Inverse Universe

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



45.5085, 55.5851, 102.9376



40.6694, 49.8121, 102.0789



30.4509, 25.4697, 97.9184



18.1059, 19.5835, 23.0757



18.5837, 22.0769, 52.7164



1.9011, 2.3329, 5.1634

Previews

White Background



This preview shows how the XYZ color 52.1174, 39.9240, 15.0844 looks on a white background.

Color Contrast Check

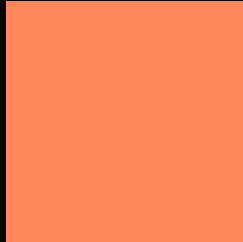
Large Text (above 18pt) WCAG AA × Fail

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 52.1174, 39.9240, 15.0844 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 52.1174, 39.9240, 15.0844

Background



This preview shows how black text looks on a background with the XYZ color 52.1174, 39.9240, 15.0844.



This preview shows how white text looks on a background with the XYZ color 52.1174, 39.9240,

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

52.1174, 39.9240, 15.0844

Protanopia

37.1231, 40.1880, 18.8972

Deuteranopia

40.9351, 40.0841, 14.5963



Tritanopia

54.5100, 39.9881, 30.4367

Trichromacy



Original Color

52.1174, 39.9240, 15.0844

Protanomaly

41.3911, 39.2227, 17.4458

Deuteranomaly

44.5584, 39.6725, 14.7603

Tritanomaly

53.4032, 39.7654, 23.9296

Monochromacy



Original Color

52.1174, 39.9240, 15.0844

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.1753, 37.8125, 29.9920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1174, 39.9240, 15.0844 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, 137, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 92)  
}
```

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, 137, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 92) }
```

Border

The CSS property to change the border of an element to XYZ 52.1174, 39.9240, 15.0844 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, 137, 92) }
```


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

```
.border{ border-color:rgb(255, 137, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1174, 39.9240, 15.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 92) }
```

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

```
.background{ background-color: rgb(255,  
137, 92) }
```

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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