

Converting Colors

XYZ(55.2031, 41.0565, 16.1092)

Have a look what the booklet for
XYZ(55.2031, 41.0565, 16.1092)
contains.

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Color

**XYZ(52.0153, 39.4325,
15.9361)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8760
RGB	255, 135, 96
RGB Percent	100%, 53%, 38%
CMY	0.0000, 0.4706, 0.6235
CMYK	0.00, 0.47, 0.62, 0.00
HSL	15°, 100%, 69%
HSV	15°, 62%, 100%
XYZ	52.0153, 39.4325, 15.9361
YIQ	166.4340, 84.0390, 13.3110

Conversions

Conversions Part 2

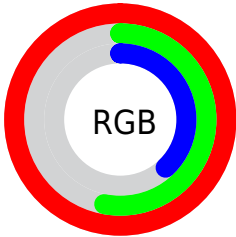
Format	Color
R_{YB}	255, 148, 96
Decimal	16746336
CIE _{Lab}	69.06, 42.33, 41.26
CIE _{LCh}	69, 59.111, 44.270
Yxy	39.4325, 0.4844, 0.3672
Android (android.graphics.Color)	4294936416 (0xFFFF8760)
YUV	166.4340, -34.7240, 77.6724
Hunter-Lab	62.7953, 37.9653, 28.9102

Details

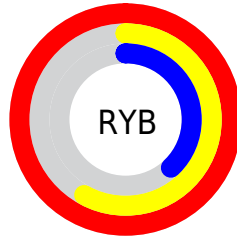
The XYZ color **52.0153, 39.4325, 15.9361** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.4280, 58.8150, 103.4599**, and the grayscale version is **36.5913, 38.4969, 41.9231**.

A 20% lighter version of the original color is **64.9199, 60.1935, 35.8006**, and **25.5431, 17.5854, 4.8444** is the 20% darker color. If you saturate the color by 10%, you get **48.5794, 34.1448, 9.9079**, and if you desaturate by 10%, it is **56.3190, 45.8472, 24.1319**.

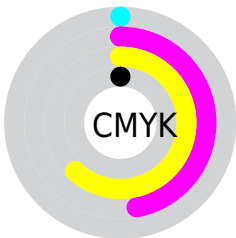
Distribution



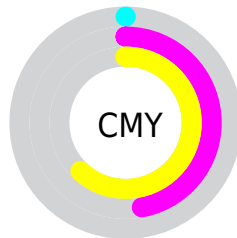
- Red (100%)
- Green (53%)
- Blue (38%)



- Red (100%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (62%)
- Black (0%)





- Cyan (0%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0153, 39.4325, 15.9361 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 52.0153, 39.4325, 15.9361 by changing the saturation by 10% instead.


 52.0153, 39.4325,
15.9361


 52.0153, 39.4325,
15.9361


384.8187,
343.7258, 240.7972

 37.2416, 27.0964,
9.3251


 92.3279, 74.2986,
37.2525


 25.5691, 17.6456,
4.8541


 118.5975, 97.5973,
52.7949

 16.6326, 10.6958,
2.1047


 149.4298,
125.3190, 72.1516

 10.0665, 5.8627,
0.6186

 185.1901,
157.8480, 95.7410

 5.5057, 2.7618,
0.0000

226.2437,
195.5688, 123.9818

 2.5847, 1.0087,
0.0000

272.9562,

 0.9382, 0.0000,

238.8658, 157.2923

0.0000

325.6927,
288.1233, 196.0913

■ 0.0000, 0.0000,
0.0000

■ 52.0153, 39.4325,
15.9361

■ 52.0153, 39.4325,
15.9361

■ 48.5794, 34.1448,
9.9079

■ 56.3190, 45.8472,
24.1319

■ 45.9439, 29.9102,
5.8345

■ 61.5452, 53.4443,
34.6764

■ 44.0348, 26.6550,
3.4628

■ 67.7470, 62.2829,
47.7338

■ 42.9929, 24.7661,
2.5144

■ 74.9725, 72.4163,
63.4532

■ 83.2667, 83.8945,
81.9716

92.6715, 96.7649,
103.4167

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.



57.9347, 39.4325, 31.3678



52.0153, 39.4325, 15.9361



42.6115, 39.4325, 9.8441

Triad

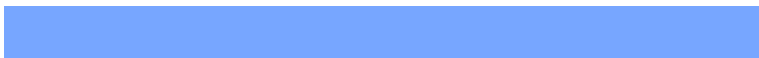
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0153, 39.4325, 15.9361



22.5988, 39.4325, 30.3432



42.1276, 39.4325, 115.4585

Complementary

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



52.0153, 39.4325, 15.9361



47.4280, 58.8150, 103.4599

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.



32.7769, 39.4325, 114.7981



52.0153, 39.4325, 15.9361



22.5137, 39.4325, 57.0455

Square

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



52.0153, 39.4325, 15.9361



26.1965, 39.4325, 15.4581



25.9403, 39.4325, 90.3252



51.6102, 39.4325, 91.8688

Rectangle

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



52.0153, 39.4325, 15.9361



36.1458, 39.4325, 9.1851



25.9403, 39.4325, 90.3252



38.8455, 39.4325, 118.3005

Sweetspot

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



52.0162, 39.4346, 15.9368



77.6322, 76.1123, 69.3429



58.0646, 34.6826, 69.8951



16.1292, 15.6142, 13.7624



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.



52.0162, 39.4346, 15.9368



47.8067, 32.9240, 8.6486



67.0449, 69.4919, 20.9464



18.3713, 18.7107, 18.7876



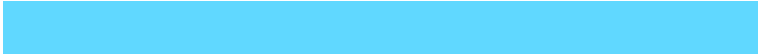
22.5621, 13.1353, 1.3462



2.2781, 1.4416, 0.1582

Inverse Universe

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



47.4280, 58.8150, 103.4599



42.7238, 53.4531, 102.6734



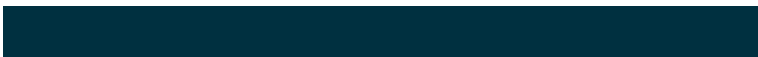
32.0201, 27.9991, 98.3239



18.1552, 19.6820, 23.0921



19.4550, 23.8197, 53.0068



1.9798, 2.4903, 5.1896

Previews

White Background



This preview shows how the XYZ color 52.0153, 39.4325, 15.9361 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 52.0153, 39.4325, 15.9361 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 52.0153, 39.4325, 15.9361

Background



This preview shows how black text looks on a background with the XYZ color 52.0153, 39.4325, 15.9361.



This preview shows how white text looks on a background with the XYZ color 52.0153, 39.4325,

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

52.0153, 39.4325, 15.9361

Protanopia

36.7154, 39.6704, 20.1900

Deuteranopia

40.3653, 39.5105, 15.3963



Tritanopia

54.0899, 39.3860, 29.5624

Trichromacy



Original Color

52.0153, 39.4325, 15.9361



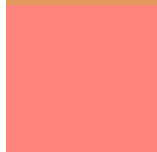
Protanomaly

41.1340, 38.8151, 18.4208



Deuteranomaly

43.9445, 39.0941, 15.5857



Tritanomaly

53.1294, 39.2178, 23.8383

Monochromacy



Original Color

52.0153, 39.4325, 15.9361



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

39.8178, 37.3715, 30.3141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0153, 39.4325, 15.9361 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, 135, 96)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 96)  
}
```

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, 135, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 96) }
```

Border

The CSS property to change the border of an element to XYZ 52.0153, 39.4325, 15.9361 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, 135, 96) }
```


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

```
.border{ border-color:rgb(255, 135, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 135, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 96);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0153, 39.4325, 15.9361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 96) }
```

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

```
.background{ background-color: rgb(255,  
135, 96) }
```

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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