

Converting Colors

XYZ(52.7248, 40.6261, 16.8671)

Have a look what the booklet for
XYZ(52.7248, 40.6261, 16.8671)
contains.

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Color

**XYZ(52.7248, 40.6261,
16.8671)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B63
RGB	255, 139, 99
RGB Percent	100%, 55%, 39%
CMY	0.0000, 0.4549, 0.6118
CMYK	0.00, 0.45, 0.61, 0.00
HSL	15°, 100%, 69%
HSV	15°, 61%, 100%
XYZ	52.7248, 40.6261, 16.8671
YIQ	169.1240, 81.9760, 12.1520

Conversions

Conversions Part 2

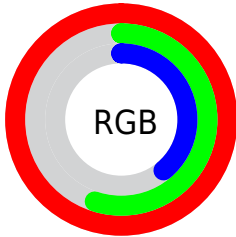
Format	Color
R_{YB}	255, 153, 99
Decimal	16747363
CIE _{Lab}	69.91, 40.51, 40.71
CIE _{LCh}	70, 57.437, 45.140
Yxy	40.6261, 0.4784, 0.3686
Android (android.graphics.Color)	4294937443 (0xFFFF8B63)
YUV	169.1240, -34.5711, 75.3133
Hunter-Lab	63.7386, 36.1133, 28.9272

Details

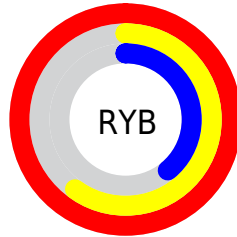
The XYZ color **52.7248, 40.6261, 16.8671** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.4944, 58.4702, 103.3900**, and the grayscale version is **37.9119, 39.8863, 43.4362**.

A 20% lighter version of the original color is **66.1177, 62.0779, 37.7756**, and **25.9981, 18.3929, 5.3119** is the 20% darker color. If you saturate the color by 10%, you get **49.1813, 35.1919, 10.5914**, and if you desaturate by 10%, it is **57.1311, 47.1707, 25.3292**.

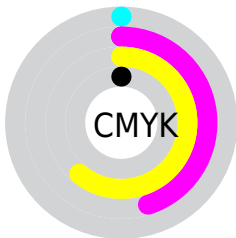
Distribution



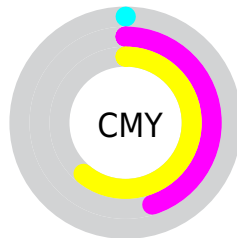
- Red (100%)
- Green (55%)
- Blue (39%)



- Red (100%)
- Yellow (60%)
- Blue (39%)



- Cyan (0%)
- Magenta (45%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7248, 40.6261, 16.8671 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 52.7248, 40.6261, 16.8671 by changing the saturation by 10% instead.


 52.7248, 40.6261,
16.8671


 52.7248, 40.6261,
16.8671


387.5066,
348.7555, 246.4233

 37.8097, 28.0270,
9.9788

 93.3672, 76.1160,
38.8846

 26.0116, 18.3460,
5.2795


 119.8252, 99.7756,
54.8510

 16.9650, 11.1987,
2.3506


 150.8616,
127.8908, 74.6805

 10.3047, 6.2007,
0.7593

 186.8418,
160.8461, 98.7916

 5.6653, 2.9675,
0.0000

228.1310,
199.0258, 127.6029

 2.6813, 1.1148,
0.0000

275.0946,

 0.9876, 0.0000,

242.8144, 161.5329

0.0000

328.0980,
292.5961, 201.0002

■ 0.0000, 0.0000,
0.0000

■ 52.7248, 40.6261,
16.8671

■ 52.7248, 40.6261,
16.8671

■ 49.1813, 35.1919,
10.5914

■ 57.1311, 47.1707,
25.3292

■ 46.4355, 30.7975,
6.2936

■ 62.4530, 54.8780,
36.1556

■ 44.4164, 27.3735,
3.7273

■ 68.7419, 63.8045,
49.5085

■ 43.1529, 25.0861,
2.5677

■ 76.0447, 74.0012,
65.5348

■ 84.4049, 85.5158,
84.3702

93.8635, 98.3938,
106.1412

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.



58.6839, 40.6261, 32.1105



52.7248, 40.6261, 16.8671



43.4075, 40.6261, 10.8105

Triad

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



52.7248, 40.6261, 16.8671



23.7208, 40.6261, 32.3071



43.4992, 40.6261, 114.8175

Complementary

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



52.7248, 40.6261, 16.8671



47.4944, 58.4702, 103.3900

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.



34.1869, 40.6261, 114.9404



52.7248, 40.6261, 16.8671



23.7373, 40.6261, 59.0814

Square

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



52.7248, 40.6261, 16.8671



27.2269, 40.6261, 16.9608



27.2761, 40.6261, 91.6531



52.8013, 40.6261, 91.3644

Rectangle

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



52.7248, 40.6261, 16.8671



37.0265, 40.6261, 10.2294



27.2761, 40.6261, 91.6531



40.2461, 40.6261, 117.8259

Sweetspot

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



52.7258, 40.6282, 16.8678



78.5835, 77.5133, 71.2063



58.0965, 35.1417, 68.6868



16.3214, 15.9012, 14.1265



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.



52.7258, 40.6282, 16.8678



48.6230, 34.3147, 9.6665



68.0479, 71.2726, 21.9752



18.3880, 18.7441, 18.7932



22.6491, 13.3093, 1.3752



2.2886, 1.4626, 0.1617

Inverse Universe

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



47.4944, 58.4702, 103.3900



42.8698, 53.2321, 102.6231



32.2843, 28.0499, 98.3200



18.1374, 19.6464, 23.0861



19.1348, 23.1792, 52.9001



1.9509, 2.4326, 5.1800

Previews

White Background



This preview shows how the XYZ color 52.7248, 40.6261, 16.8671 looks on a white background.

Color Contrast Check

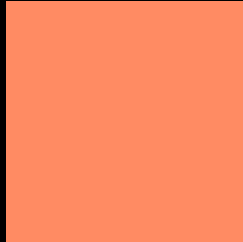
Large Text (above 18pt) WCAG AA × Fail

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 52.7248, 40.6261, 16.8671 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 52.7248, 40.6261, 16.8671

Background



This preview shows how black text looks on a background with the XYZ color 52.7248, 40.6261, 16.8671.



This preview shows how white text looks on a background with the XYZ color 52.7248, 40.6261,

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

52.7248, 40.6261, 16.8671

Protanopia

37.6819, 40.7126, 20.9112

Deuteranopia

41.4121, 40.5578, 16.2355



Tritanopia

54.9380, 40.6016, 31.3269

Trichromacy



Original Color

52.7248, 40.6261, 16.8671



Protanomaly

41.9159, 39.7067, 19.3649



Deuteranomaly

45.0310, 40.1245, 16.4377



Tritanomaly

53.9404, 40.4268, 25.3823

Monochromacy



Original Color

52.7248, 40.6261, 16.8671



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

41.0803, 38.7467, 31.6992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7248, 40.6261, 16.8671 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, 139, 99)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 99)  
}
```

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, 139, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 99) }
```

Border

The CSS property to change the border of an element to XYZ 52.7248, 40.6261, 16.8671 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, 139, 99) }
```


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

```
.border{ border-color:rgb(255, 139, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 139, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 99);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7248, 40.6261, 16.8671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 99) }
```

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

```
.background{ background-color: rgb(255,  
139, 99) }
```

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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