

Converting Colors

XYZ(57.3442, 43.1571, 16.5501)

Have a look what the booklet for
XYZ(57.3442, 43.1571, 16.5501)
contains.

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Color

**XYZ(52.7758, 40.8792,
16.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C61
RGB	255, 140, 97
RGB Percent	100%, 55%, 38%
CMY	0.0000, 0.4510, 0.6196
CMYK	0.00, 0.45, 0.62, 0.00
HSL	16°, 100%, 69%
HSV	16°, 62%, 100%
XYZ	52.7758, 40.8792, 16.4182
YIQ	169.4830, 82.3430, 11.0070

Conversions

Conversions Part 2

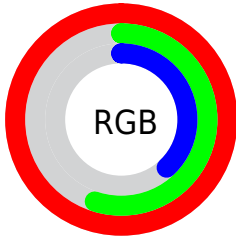
Format	Color
RYB	255, 156, 97
Decimal	16747617
CIELab	70.09, 39.88, 41.98
CIELCh	70, 57.904, 46.471
Yxy	40.8792, 0.4795, 0.3714
Android (android.graphics.Color)	4294937697 (0xFFFF8C61)
YUV	169.4830, -35.7341, 74.9984
Hunter-Lab	63.9368, 35.4509, 29.5308

Details

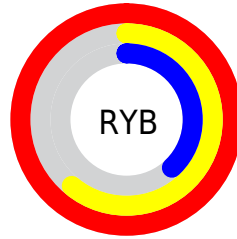
The XYZ color **52.7758, 40.8792, 16.4182** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.5219, 56.8454, 103.1277**, and the grayscale version is **38.0957, 40.0796, 43.6467**.

A 20% lighter version of the original color is **66.1799, 62.4601, 37.0017**, and **26.0364, 18.5387, 5.1118** is the 20% darker color. If you saturate the color by 10%, you get **49.2853, 35.5053, 10.3016**, and if you desaturate by 10%, it is **57.1076, 47.3250, 24.7005**.

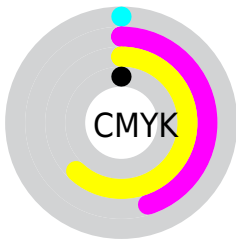
Distribution



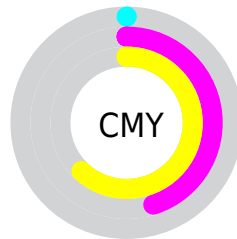
- Red (100%)
- Green (55%)
- Blue (38%)



- Red (100%)
- Yellow (61%)
- Blue (38%)



- Cyan (0%)
- Magenta (45%)
- Yellow (62%)
- Black (0%)




- Cyan (0%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7758, 40.8792, 16.4182 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 52.7758, 40.8792, 16.4182 by changing the saturation by 10% instead.


 52.7758, 40.8792,
16.4182


 52.7758, 40.8792,
16.4182


387.6993,
349.8155, 243.7263

 37.8506, 28.2247,
9.6630


 93.4419, 76.5005,
38.0996


 26.0434, 18.4951,
5.0734


 119.9134,
100.2361, 53.8628

 16.9890, 11.3060,
2.2309

 150.9644,
128.4341, 73.4658

 10.3219, 6.2731,
0.6921

 186.9603,
161.4791, 97.3271

 5.6768, 3.0118,
0.0000

228.2664,
199.7553, 125.8653

 2.6883, 1.1379,
0.0000

275.2480,

 0.9912, 0.0101,

243.6471, 159.4989

0.0000

328.2705,
293.5391, 198.6464

■ 0.0000, 0.0000,
0.0000

■ 52.7758, 40.8792,
16.4182

■ 52.7758, 40.8792,
16.4182

■ 49.2853, 35.5053,
10.3016

■ 57.1076, 47.3250,
24.7005

■ 46.5723, 31.1357,
6.1401

■ 62.3322, 54.8920,
35.3276

■ 44.5666, 27.7043,
3.6840

■ 68.5002, 63.6343,
48.4624

■ 43.3932, 25.5666,
2.6478

■ 75.6571, 73.6001,
64.2525

■ 83.8457, 84.8353,
82.8339

93.1058, 97.3829,
104.3333

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.



59.0368, 40.8792, 31.3147



52.7758, 40.8792, 16.4182



43.2667, 40.8792, 10.6454

Triad

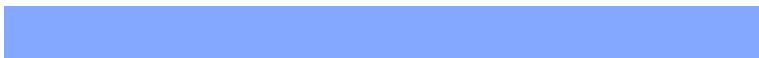
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.7758, 40.8792, 16.4182



23.7178, 40.8792, 33.4027



44.2429, 40.8792, 115.4808

Complementary

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



52.7758, 40.8792, 16.4182



46.5219, 56.8454, 103.1277

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.



34.7529, 40.8792, 116.7925



52.7758, 40.8792, 16.4182



23.8921, 40.8792, 60.9734

Square

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



52.7758, 40.8792, 16.4182



27.1030, 40.8792, 17.4101



27.6256, 40.8792, 93.9662



53.5897, 40.8792, 90.8886

Rectangle

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



52.7758, 40.8792, 16.4182



36.8405, 40.8792, 10.2220



27.6256, 40.8792, 93.9662



40.9405, 40.8792, 118.9239

Sweetspot

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



52.7768, 40.8813, 16.4189



77.9719, 76.7918, 69.4562



57.5080, 34.6070, 66.5110



16.2102, 15.7761, 13.7894



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.



52.7768, 40.8813, 16.4189



48.6710, 34.5344, 9.3013



68.5036, 72.3351, 21.6612



18.4116, 18.7914, 18.8010



22.7793, 13.5698, 1.4186



2.3041, 1.4935, 0.1668

Inverse Universe

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



46.5219, 56.8454, 103.1277



41.8238, 51.4023, 102.3250



31.4867, 26.7752, 98.1160



18.1122, 19.5960, 23.0777



18.6922, 22.2939, 52.7526



1.9109, 2.3525, 5.1666

Previews

White Background



This preview shows how the XYZ color 52.7758, 40.8792, 16.4182 looks on a white background.

Color Contrast Check

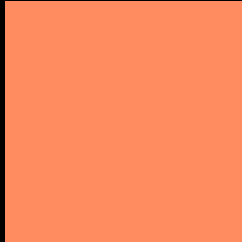
Large Text (above 18pt) WCAG AA × Fail

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 52.7758, 40.8792, 16.4182 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 52.7758, 40.8792, 16.4182

Background



This preview shows how black text looks on a background with the XYZ color 52.7758, 40.8792, 16.4182.



This preview shows how white text looks on a background with the XYZ color 52.7758, 40.8792,

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

52.7758, 40.8792, 16.4182

Protanopia

38.0064, 41.1740, 20.4122

Deuteranopia

41.7856, 41.0253, 15.8415



Tritanopia

55.1550, 40.9127, 31.7780

Trichromacy



Original Color

52.7758, 40.8792, 16.4182

Protanomaly

42.2720, 40.1586, 18.8880

Deuteranomaly

45.1058, 40.4196, 16.0141

Tritanomaly

54.0819, 40.7098, 25.4294

Monochromacy



Original Color

52.7758, 40.8792, 16.4182

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.0042, 38.7163, 31.2984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7758, 40.8792, 16.4182 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, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 97)  
}
```

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, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 97) }
```

Border

The CSS property to change the border of an element to XYZ 52.7758, 40.8792, 16.4182 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, 140, 97) }
```


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

```
.border{ border-color:rgb(255, 140, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7758, 40.8792, 16.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 97) }
```

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

```
.background{ background-color: rgb(255,  
140, 97) }
```

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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