

Converting Colors

XYZ(82.6796, 56.2633, 18.6185)

Have a look what the booklet for
XYZ(82.6796, 56.2633, 18.6185)
contains.

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Color

**XYZ(52.9183, 40.9363,
17.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C64
RGB	255, 140, 100
RGB Percent	100%, 55%, 39%
CMY	0.0000, 0.4509, 0.6078
CMYK	0.00, 0.45, 0.61, 0.00
HSL	15°, 100%, 70%
HSV	15°, 61%, 100%
XYZ	52.9183, 40.9363, 17.1690
YIQ	169.8250, 81.3800, 11.9400

Conversions

Conversions Part 2

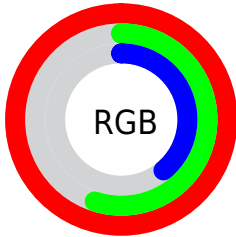
Format	Color
R _Y B	255, 154, 100
Decimal	16747620
CIE Lab	70.13, 40.08, 40.45
CIE LCh	70, 56.943, 45.267
Yxy	40.9363, 0.4766, 0.3687
Android (android.graphics.Color)	4294937700 (0xFFFF8C64)
YUV	169.8250, -34.4237, 74.6985
Hunter-Lab	63.9815, 35.6676, 28.8770

Details

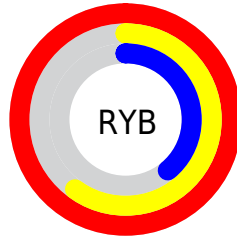
The XYZ color **52.9183, 40.9363, 17.1690** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.6042, 58.5266, 103.3948**, and the grayscale version is **38.2601, 40.2526, 43.8351**.

A 20% lighter version of the original color is **66.4226, 62.5572, 38.2797**, and **26.1019, 18.5648, 5.4565** is the 20% darker color. If you saturate the color by 10%, you get **49.3410, 35.4576, 10.8110**, and if you desaturate by 10%, it is **57.3589, 47.5242, 25.7204**.

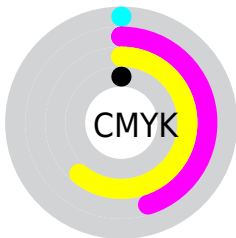
Distribution



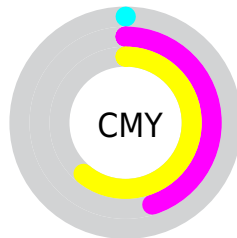
- Red (100%)
- Green (55%)
- Blue (39%)



- 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 52.9183, 40.9363, 17.1690 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 52.9183, 40.9363, 17.1690 by changing the saturation by 10% instead.


 52.9183, 40.9363,
17.1690


 52.9183, 40.9363,
17.1690


388.2376,
350.0543, 248.2212


 37.9648, 28.2693,
10.1918


 93.6504, 76.5872,
39.4107


 26.1324, 18.5288,
5.4191


 120.1596,
100.3399, 55.5124

 17.0559, 11.3303,
2.4322


 151.2515,
128.5566, 75.4926

 10.3699, 6.2894,
0.8039

 187.2913,
161.6217, 99.7700

 5.7091, 3.0219,
0.0000

228.6445,
199.9197, 128.7629

 2.7080, 1.1432,
0.0000

275.6764,

 1.0013, 0.0145,

243.8348, 162.8901

0.0000

328.7523,
293.7516, 202.5700

■ 0.0000, 0.0000,
0.0000

■ 52.9183, 40.9363,
17.1690

■ 52.9183, 40.9363,
17.1690

■ 49.3410, 35.4576,
10.8110

■ 57.3589, 47.5242,
25.7204

■ 46.5624, 31.0181,
6.4389

■ 62.7151, 55.2731,
36.6421

■ 44.5121, 27.5491,
3.8087

■ 69.0382, 64.2390,
50.0955

■ 43.1773, 25.1350,
2.5758

■ 76.3746, 74.4723,
66.2271

■ 84.7677, 86.0207,
85.1721

94.2582, 98.9291,
107.0567

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.



58.8619, 40.9363, 32.3885



52.9183, 40.9363, 17.1690



43.6417, 40.9363, 11.1006

Triad

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



52.9183, 40.9363, 17.1690



24.0354, 40.9363, 32.7634



43.8160, 40.9363, 114.5910

Complementary

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



52.9183, 40.9363, 17.1690



47.6042, 58.5266, 103.3948

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.



34.5310, 40.9363, 114.8235



52.9183, 40.9363, 17.1690



24.0667, 40.9363, 59.4834

Square

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



52.9183, 40.9363, 17.1690



27.5257, 40.9363, 17.3487



27.6195, 40.9363, 91.8207



53.0634, 40.9363, 91.2742

Rectangle

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



52.9183, 40.9363, 17.1690



37.2882, 40.9363, 10.5291



27.6195, 40.9363, 91.8207



40.5755, 40.9363, 117.6067

Sweetspot

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



52.9193, 40.9384, 17.1697



78.6035, 77.5534, 71.2130



58.2240, 35.3453, 68.8888



16.3262, 15.9109, 14.1281



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.



52.9193, 40.9384, 17.1697



48.6588, 34.3864, 9.6785



68.1599, 71.4198, 22.2500



18.3904, 18.7491, 18.7940



22.6624, 13.3360, 1.3797



2.2902, 1.4658, 0.1622

Inverse Universe

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



47.6042, 58.5266, 103.3948



42.7950, 53.0826, 102.5982



32.5022, 28.3226, 98.3608



18.1347, 19.6411, 23.0853



19.0876, 23.0849, 52.8844



1.9467, 2.4241, 5.1786

Previews

White Background



This preview shows how the XYZ color 52.9183, 40.9363, 17.1690 looks on a white background.

Color Contrast Check

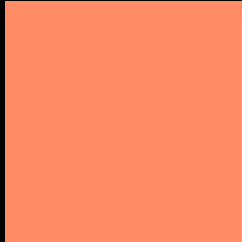
Large Text (above 18pt) WCAG AA × Fail

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 52.9183, 40.9363, 17.1690 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 52.9183, 40.9363, 17.1690

Background



This preview shows how black text looks on a background with the XYZ color 52.9183, 40.9363, 17.1690.



This preview shows how white text looks on a background with the XYZ color 52.9183, 40.9363,

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

52.9183, 40.9363, 17.1690

Protanopia

38.1707, 41.2397, 21.2775

Deuteranopia

41.9194, 41.0788, 16.5461



Tritanopia

55.1550, 40.9127, 31.7780

Trichromacy



Original Color

52.9183, 40.9363, 17.1690

Protanomaly

42.4290, 40.2214, 19.7146

Deuteranomaly

45.2430, 40.4745, 16.7371

Tritanomaly

54.1481, 40.7363, 25.7779

Monochromacy



Original Color

52.9183, 40.9363, 17.1690

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

41.5964, 39.2581, 32.1733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9183, 40.9363, 17.1690 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, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 100)  
}
```

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, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 100) }
```

Border

The CSS property to change the border of an element to XYZ 52.9183, 40.9363, 17.1690 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, 100) }
```


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

```
.border{ border-color:rgb(255, 140, 100) }
```

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, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9183, 40.9363, 17.1690 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, 100) }
```

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

```
.background{ background-color: rgb(255,  
140, 100) }
```

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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