

Converting Colors

XYZ(77.1922, 54.0672, 18.4179)

Have a look what the booklet for
XYZ(77.1922, 54.0672, 18.4179)
contains.

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Color

**XYZ(53.3627, 41.8250,
17.3171)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8F64
RGB	255, 143, 100
RGB Percent	100%, 56%, 39%
CMY	0.0000, 0.4392, 0.6078
CMYK	0.00, 0.44, 0.61, 0.00
HSL	17°, 100%, 70%
HSV	17°, 61%, 100%
XYZ	53.3627, 41.8250, 17.3171
YIQ	171.5860, 80.5550, 10.3710

Conversions

Conversions Part 2

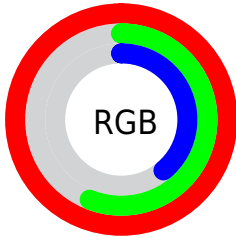
Format	Color
R _Y B	255, 160, 100
Decimal	16748388
CIE Lab	70.75, 38.56, 41.21
CIE LCh	71, 56.435, 46.904
Yxy	41.8250, 0.4743, 0.3718
Android (android.graphics.Color)	4294938468 (0xFFFF8F64)
YUV	171.5860, -35.2919, 73.1541
Hunter-Lab	64.6723, 34.1084, 29.3947

Details

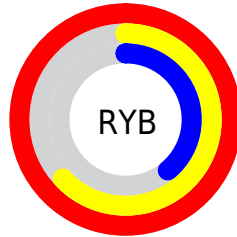
The XYZ color **53.3627, 41.8250, 17.3171** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **46.8474, 57.0131, 103.1427**, and the grayscale version is **39.1487, 41.1874, 44.8531**.

A 20% lighter version of the original color is **67.1016, 63.9152, 38.5060**, and **26.3532, 19.0676, 5.5403** is the 20% darker color. If you saturate the color by 10%, you get **49.7737, 36.3229, 10.9552**, and if you desaturate by 10%, it is **57.7941, 48.3945, 25.8654**.

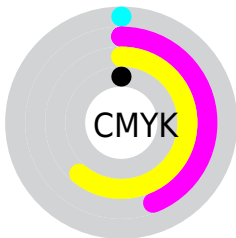
Distribution



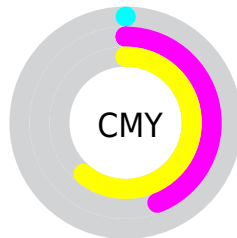
- Red (100%)
- Green (56%)
- Blue (39%)



- Red (100%)
- Yellow (63%)
- Blue (39%)



- Cyan (0%)
- Magenta (44%)
- Yellow (61%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3627, 41.8250, 17.3171 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 53.3627, 41.8250, 17.3171 by changing the saturation by 10% instead.


 53.3627, 41.8250,
17.3171


 53.3627, 41.8250,
17.3171


389.9132,
353.7570, 249.0987


 38.3210, 28.9643,
10.2965


 94.3003, 77.9347,
39.6683


 26.4103, 19.0538,
5.4878


 120.9268,
101.9525, 55.8359

 17.2651, 11.7092,
2.4725


 152.1458,
130.4581, 75.8897

 10.5202, 6.5460,
0.8255

 188.3224,
163.8359, 100.2480

 5.8101, 3.1798,
0.0000

229.8222,
202.4703, 129.3296

 2.7695, 1.2263,
0.0000

277.0103,

 1.0331, 0.0830,

246.7456, 163.5528

0.0000

330.2522,
297.0464, 203.3364

■ 0.0000, 0.0000,
0.0000

■ 53.3627, 41.8250,
17.3171

■ 53.3627, 41.8250,
17.3171

■ 49.7737, 36.3229,
10.9552

■ 57.7941, 48.3945,
25.8654

■ 46.9645, 31.8223,
6.5729

■ 63.1182, 56.0790,
36.7764

■ 44.8674, 28.2595,
3.9271

■ 69.3845, 64.9314,
50.2109

■ 43.4773, 25.7350,
2.6758

■ 76.6378, 74.9986,
66.3148

■ 84.9200, 86.3253,
85.2230

94.2705, 98.9537,
107.0609

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.



59.5818, 41.8250, 32.1356



53.3627, 41.8250, 17.3171



43.9728, 41.8250, 11.5232

Triad

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



53.3627, 41.8250, 17.3171



24.6729, 41.8250, 34.8304



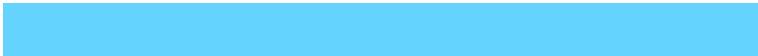
45.2202, 41.8250, 114.8107

Complementary

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



53.3627, 41.8250, 17.3171



46.8474, 57.0131, 103.1427

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.



35.8129, 41.8250, 116.4609



53.3627, 41.8250, 17.3171



24.8988, 41.8250, 62.2340

Square

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



53.3627, 41.8250, 17.3171



28.0053, 41.8250, 18.6199



28.6803, 41.8250, 94.5057



54.3986, 41.8250, 90.6192

Rectangle

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



53.3627, 41.8250, 17.3171



37.6287, 41.8250, 11.1407



28.6803, 41.8250, 94.5057



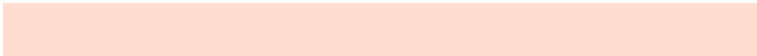
41.9566, 41.8250, 118.2784

Sweetspot

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



53.3637, 41.8272, 17.3179



78.8386, 78.0236, 71.2914



57.8922, 35.2125, 67.1408



16.3828, 16.0240, 14.1470



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.



53.3637, 41.8272, 17.3179



49.0862, 35.2412, 9.8209



68.8281, 72.7561, 22.4727



18.4196, 18.8073, 18.8037



22.8248, 13.6609, 1.4338



2.3094, 1.5042, 0.1686

Inverse Universe

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



46.8474, 57.0131, 103.1427



41.9324, 51.3574, 102.3106



32.1334, 27.5850, 98.2381



18.1038, 19.5792, 23.0749



18.5466, 22.0028, 52.7040



1.8977, 2.3261, 5.1622

Previews

White Background



This preview shows how the XYZ color 53.3627, 41.8250, 17.3171 looks on a white background.

Color Contrast Check

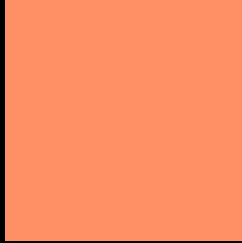
Large Text (above 18pt) WCAG AA × Fail

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 53.3627, 41.8250, 17.3171 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 53.3627, 41.8250, 17.3171

Background



This preview shows how black text looks on a background with the XYZ color 53.3627, 41.8250, 17.3171.



This preview shows how white text looks on a background with the XYZ color 53.3627, 41.8250,

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

53.3627, 41.8250, 17.3171

Protanopia

38.9916, 42.2386, 21.1367

Deuteranopia

42.6721, 41.7335, 16.6328



Tritanopia

55.8179, 41.8634, 33.1555

Trichromacy



Original Color

53.3627, 41.8250, 17.3171

Protanomaly

43.1916, 41.4021, 19.6249

Deuteranomaly

46.2095, 41.4710, 16.8785

Tritanomaly

54.7148, 41.6549, 26.6291

Monochromacy



Original Color

53.3627, 41.8250, 17.3171

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

42.2903, 40.1216, 32.7094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3627, 41.8250, 17.3171 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, 143, 100)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 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, 143, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 100) }
```

Border

The CSS property to change the border of an element to XYZ 53.3627, 41.8250, 17.3171 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, 143, 100) }
```


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

```
.border{ border-color:rgb(255, 143, 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, 143, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 100);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3627, 41.8250, 17.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 100) }
```

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

```
.background{ background-color: rgb(255,  
143, 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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