

Converting Colors

XYZ(62.5216, 41.6841, 19.1099)

Have a look what the booklet for
XYZ(62.5216, 41.6841, 19.1099)
contains.

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Color

**XYZ(50.5971, 35.5578,
18.6646)**

Conversions

Conversions Part 1

Format	Color
Hex	FF776D
RGB	255, 119, 109
RGB Percent	100%, 47%, 43%
CMY	0.0000, 0.5333, 0.5725
CMYK	0.00, 0.53, 0.57, 0.00
HSL	4°, 100%, 71%
HSV	4°, 57%, 100%
XYZ	50.5971, 35.5578, 18.6646
YIQ	158.5240, 84.2660, 25.7220

Conversions

Conversions Part 2

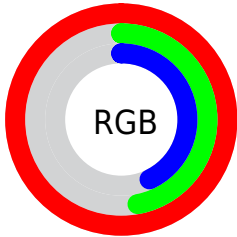
Format	Color
R _Y B	255, 120, 109
Decimal	16742253
CIE Lab	66.18, 51.00, 30.59
CIE LCh	66, 59.471, 30.955
Yxy	35.5578, 0.4827, 0.3392
Android (android.graphics.Color)	4294932333 (0xFFFF776D)
YUV	158.5240, -24.4153, 84.6095
Hunter-Lab	59.6304, 47.1063, 23.1832

Details

The XYZ color **50.5971, 35.5578, 18.6646** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.0066, 75.7711, 106.2278**, and the grayscale version is **32.8195, 34.5287, 37.6018**.

A 20% lighter version of the original color is **62.8091, 54.1053, 40.8512**, and **24.7249, 15.4550, 6.0948** is the 20% darker color. If you saturate the color by 10%, you get **46.9359, 30.1229, 11.6259**, and if you desaturate by 10%, it is **55.3644, 42.5682, 28.0364**.

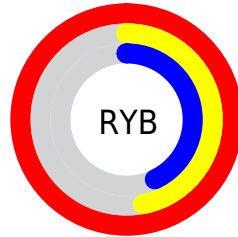
Distribution



Red (100%)

Green (47%)

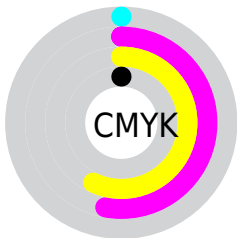
Blue (43%)



Red (100%)

Yellow (47%)

Blue (43%)

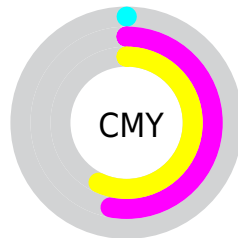


Cyan (0%)

Magenta (53%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5971, 35.5578, 18.6646 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 50.5971, 35.5578, 18.6646 by changing the saturation by 10% instead.


 50.5971, 35.5578,
18.6646


 50.5971, 35.5578,
18.6646

379.4099,
327.0236, 256.9516


 36.1078, 24.0929,
11.2538


 90.2455, 68.3490,
41.9957


 24.6880, 15.4025,
6.1215


 116.1353, 90.4440,
58.7531

 15.9722, 9.1024,
2.8491


 146.5559,
116.8513, 79.4631

 9.5952, 4.8080,
1.0181

 181.8728,
147.9550, 104.5443

 5.1916, 2.1351,
0.0000

222.4513,
184.1398, 134.4152

 2.3960, 0.6842,
0.0000

268.6568,

 0.8431, 0.0000,

225.7898, 169.4944

0.0000

320.8545,
273.2897, 210.2003

■ 0.0000, 0.0000,
0.0000

■ 50.5971, 35.5578,
18.6646

■ 50.5971, 35.5578,
18.6646

■ 46.9359, 30.1229,
11.6259

■ 55.3644, 42.5682,
28.0364

■ 44.2889, 26.1363,
6.7137

■ 61.3146, 51.2572,
39.9201

■ 42.5542, 23.4606,
3.6880

■ 68.5205, 61.7255,
54.4795

■ 41.6047, 21.9285,
2.2409

■ 77.0485, 74.0646,
71.8636

■ 41.4477, 21.6758,
1.9993

■ 86.9602, 88.3596,
92.2107

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.



53.8336, 35.5578, 37.9092



50.5971, 35.5578, 18.6646



42.7527, 35.5578, 9.8226

Triad

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



50.5971, 35.5578, 18.6646



20.9924, 35.5578, 19.5436



34.0812, 35.5578, 110.7783

Complementary

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



50.5971, 35.5578, 18.6646



57.0066, 75.7711, 106.2278

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.



26.1877, 35.5578, 98.8883



50.5971, 35.5578, 18.6646



19.4738, 35.5578, 39.5349

Square

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



50.5971, 35.5578, 18.6646



25.7752, 35.5578, 10.1520



21.1997, 35.5578, 69.5957



43.3303, 35.5578, 97.3773

Rectangle

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



50.5971, 35.5578, 18.6646



36.5439, 35.5578, 7.7707



21.1997, 35.5578, 69.5957



31.1906, 35.5578, 109.5747

Sweetspot

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



50.5980, 35.5597, 18.6652



77.2837, 74.4041, 72.3443



63.2306, 38.8062, 90.7570



16.1503, 15.3598, 14.6839



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.



50.5980, 35.5597, 18.6652



46.4036, 29.3263, 10.6215



62.7913, 59.9463, 22.7297



18.1093, 18.1868, 18.7003



21.6941, 11.3995, 1.0569



2.1456, 1.1765, 0.1140

Inverse Universe

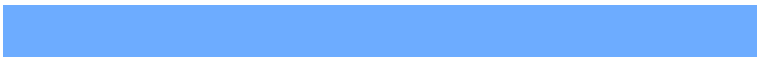
The Inverse Universe completely reimagines the original color for something new.



57.0066, 75.7711, 106.2278



53.3111, 72.9493, 105.8786



39.1601, 40.0780, 100.2790



18.4420, 20.2556, 23.1877



25.3799, 35.6694, 54.9818



2.5019, 3.5345, 5.3636

Previews

White Background



This preview shows how the XYZ color 50.5971, 35.5578, 18.6646 looks on a white background.

Color Contrast Check

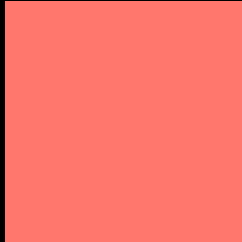
Large Text (above 18pt) WCAG AA × Fail

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 50.5971, 35.5578, 18.6646 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 50.5971, 35.5578, 18.6646

Background



This preview shows how black text looks on a background with the XYZ color 50.5971, 35.5578, 18.6646.



This preview shows how white text looks on a background with the XYZ color 50.5971, 35.5578,

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

50.5971, 35.5578, 18.6646

Protanopia

33.5889, 35.7927, 25.2170

Deuteranopia

36.2519, 35.5598, 17.7850



Tritanopia

51.3030, 35.4632, 23.5432

Trichromacy



Original Color

50.5971, 35.5578, 18.6646

Protanomaly

38.0262, 34.4704, 22.4186

Deuteranomaly

40.3936, 34.6686, 17.9273

Tritanomaly

51.0482, 35.5488, 21.6238

Monochromacy



Original Color

50.5971, 35.5578, 18.6646

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

37.0291, 33.3389, 29.6827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5971, 35.5578, 18.6646 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, 119, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 109)  
}
```

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, 119, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 109) }
```

Border

The CSS property to change the border of an element to XYZ 50.5971, 35.5578, 18.6646 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, 119, 109) }
```


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

```
.border{ border-color:rgb(255, 119, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5971, 35.5578, 18.6646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 109) }
```

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

```
.background{ background-color: rgb(255,  
119, 109) }
```

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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