

Converting Colors

XYZ(69.2762, 44.7935, 19.5532)

Have a look what the booklet for
XYZ(69.2762, 44.7935, 19.5532)
contains.

XYZ(50.3616, 35.0867, 18.5861)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(50.3616, 35.0867,
18.5861)**

Conversions

Conversions Part 1

Format	Color
Hex	FF756D
RGB	255, 117, 109
RGB Percent	100%, 46%, 43%
CMY	0.0000, 0.5411, 0.5725
CMYK	0.00, 0.54, 0.57, 0.00
HSL	3°, 100%, 71%
HSV	3°, 57%, 100%
XYZ	50.3616, 35.0867, 18.5861
YIQ	157.3500, 84.8160, 26.7680

Conversions

Conversions Part 2

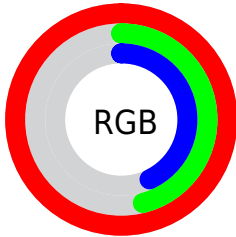
Format	Color
R _Y B	255, 117, 109
Decimal	16741741
CIE Lab	65.82, 51.94, 30.12
CIE LCh	66, 60.042, 30.106
Yxy	35.0867, 0.4841, 0.3373
Android (android.graphics.Color)	4294931821 (0xFFFF756D)
YUV	157.3500, -23.8365, 85.6391
Hunter-Lab	59.2340, 48.1037, 22.8602

Details

The XYZ color **50.3616, 35.0867, 18.5861** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **57.6151, 76.9880, 106.4308**, and the grayscale version is **32.2840, 33.9653, 36.9882**.

A 20% lighter version of the original color is **62.4255, 53.3383, 40.7233**, and **24.5572, 15.1196, 6.0389** is the 20% darker color. If you saturate the color by 10%, you get **46.7268, 29.7046, 11.5562**, and if you desaturate by 10%, it is **55.1190, 42.0773, 27.9546**.

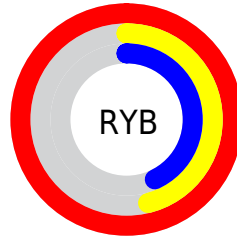
Distribution



Red (100%)

Green (46%)

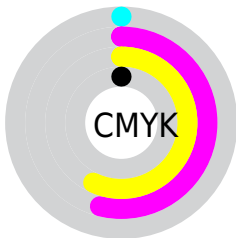
Blue (43%)



Red (100%)

Yellow (46%)

Blue (43%)

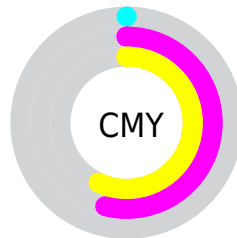


Cyan (0%)

Magenta (54%)

Yellow (57%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3616, 35.0867, 18.5861 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 50.3616, 35.0867, 18.5861 by changing the saturation by 10% instead.


 50.3616, 35.0867,
18.5861


 50.3616, 35.0867,
18.5861


378.5070,
324.9509, 256.5003

 35.9198, 23.7297,
11.1978


 89.8990, 67.6201,
41.8609


 24.5421, 15.1332,
6.0842


 115.7253, 89.5652,
58.5844

 15.8631, 8.9129,
2.8267


 146.0772,
115.8084, 79.2568

 9.5176, 4.6844,
1.0069

 181.3199,
146.7343, 104.2966

 5.1401, 2.0633,
0.0000

221.8189,
182.7270, 134.1223

 2.3653, 0.6439,
0.0000

267.9395,

 0.8278, 0.0000,

224.1711, 169.1524

0.0000

320.0471,
271.4509, 209.8056

■ 0.0000, 0.0000,
0.0000

■ 50.3616, 35.0867,
18.5861

■ 50.3616, 35.0867,
18.5861

■ 46.7268, 29.7046,
11.5562

■ 55.1190, 42.0773,
27.9546

■ 44.1197, 25.7978,
6.6573

■ 61.0783, 50.7845,
39.8414

■ 42.4345, 23.2212,
3.6481

■ 68.3147, 61.3137,
54.4109

■ 41.5391, 21.7971,
2.2190

■ 76.8963, 73.7602,
71.8129

■ 41.3966, 21.5736,
1.9823

■ 86.8867, 88.2125,
92.1863

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.



53.4472, 35.0867, 38.1129



50.3616, 35.0867, 18.5861



42.5790, 35.0867, 9.5976

Triad

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



50.3616, 35.0867, 18.5861



20.6540, 35.0867, 18.6833



33.3805, 35.0867, 110.6969

Complementary

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



50.3616, 35.0867, 18.5861



57.6151, 76.9880, 106.4308

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.



25.5594, 35.0867, 98.0225



50.3616, 35.0867, 18.5861



19.0507, 35.0867, 38.2941

Square

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



50.3616, 35.0867, 18.5861



25.5136, 35.0867, 9.6337



20.6769, 35.0867, 68.2698



42.6436, 35.0867, 97.8527

Rectangle

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



50.3616, 35.0867, 18.5861



36.3620, 35.0867, 7.4804



20.6769, 35.0867, 68.2698



30.5069, 35.0867, 109.2291

Sweetspot

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



50.3624, 35.0886, 18.5867



77.1331, 74.1029, 72.2941



63.6052, 38.9561, 92.7296



16.1153, 15.2898, 14.6722



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.



50.3624, 35.0886, 18.5867



46.2006, 28.9202, 10.5538



62.2624, 58.8885, 22.5534



18.0893, 18.1468, 18.6936



21.6627, 11.3366, 1.0464



2.1361, 1.1575, 0.1108

Inverse Universe

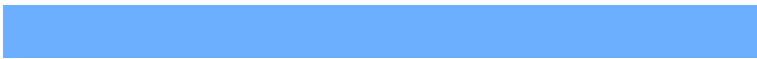
The Inverse Universe completely reimagines the original color for something new.



57.6151, 76.9880, 106.4308



54.0370, 74.4012, 106.1206



39.6284, 41.0147, 100.4352



18.4645, 20.3006, 23.1952



25.9068, 36.7232, 55.1574



2.5475, 3.6257, 5.3788

Previews

White Background



This preview shows how the XYZ color 50.3616, 35.0867, 18.5861 looks on a white background.

Color Contrast Check

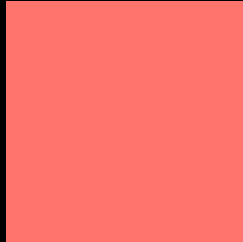
Large Text (above 18pt) WCAG AA × Fail

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 50.3616, 35.0867, 18.5861 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 50.3616, 35.0867, 18.5861

Background



This preview shows how black text looks on a background with the XYZ color 50.3616, 35.0867, 18.5861.



This preview shows how white text looks on a background with the XYZ color 50.3616, 35.0867,

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

50.3616, 35.0867, 18.5861

Protanopia

33.0447, 35.2462, 25.4836

Deuteranopia

35.8317, 35.0992, 17.7182



Tritanopia

51.0605, 35.1808, 22.8383

Trichromacy



Original Color

50.3616, 35.0867, 18.5861

Protanomaly

37.5118, 33.7445, 22.6254

Deuteranomaly

40.2468, 34.3750, 17.8784

Tritanomaly

50.7554, 35.0588, 21.2315

Monochromacy



Original Color

50.3616, 35.0867, 18.5861

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

36.3989, 32.5769, 29.1805

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3616, 35.0867, 18.5861 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, 117, 109)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 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, 117, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 109) }
```

Border

The CSS property to change the border of an element to XYZ 50.3616, 35.0867, 18.5861 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, 117, 109) }
```


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

```
.border{ border-color:rgb(255, 117, 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, 117, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 109);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3616, 35.0867, 18.5861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 109) }
```

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

```
.background{ background-color: rgb(255,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor