

Converting Colors

XYZ(55.0319, 37.3785, 21.8741)

Have a look what the booklet for
XYZ(55.0319, 37.3785, 21.8741)
contains.

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Color

**XYZ(50.9311, 35.3145,
21.5848)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7577
RGB	255, 117, 119
RGB Percent	100%, 46%, 47%
CMY	0.0000, 0.5411, 0.5333
CMYK	0.00, 0.54, 0.53, 0.00
HSL	359°, 100%, 73%
HSV	359°, 54%, 100%
XYZ	50.9311, 35.3145, 21.5848
YIQ	158.4900, 81.6060, 29.8780

Conversions

Conversions Part 2

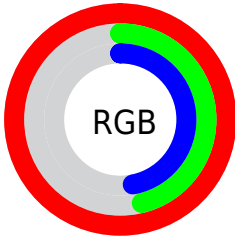
Format	Color
R _Y B	255, 117, 119
Decimal	16741751
CIE Lab	65.99, 52.70, 24.75
CIE LCh	66, 58.223, 25.157
Yxy	35.3145, 0.4723, 0.3275
Android (android.graphics.Color)	4294931831 (0xFFFF7577)
YUV	158.4900, -19.4686, 84.6393
Hunter-Lab	59.4260, 48.9880, 20.0628

Details

The XYZ color **50.9311, 35.3145, 21.5848** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **60.8279, 82.3946, 105.6321**, and the grayscale version is **32.7830, 34.4903, 37.5599**.

A 20% lighter version of the original color is **63.5343, 54.0874, 45.6194**, and **24.8523, 15.2376, 7.5925** is the 20% darker color. If you saturate the color by 10%, you get **47.0391, 29.6351, 13.7999**, and if you desaturate by 10%, it is **56.0329, 42.7752, 31.7420**.

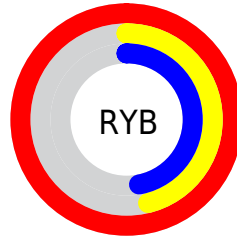
Distribution



Red (100%)

Green (46%)

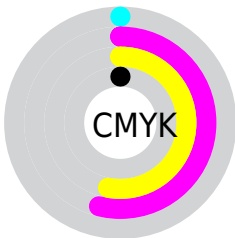
Blue (47%)



Red (100%)

Yellow (46%)

Blue (47%)

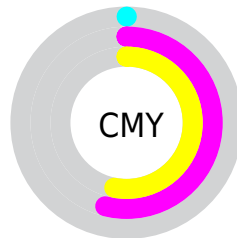


Cyan (0%)

Magenta (54%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.9311, 35.3145, 21.5848 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 50.9311, 35.3145, 21.5848 by changing the saturation by 10% instead.


 50.9311, 35.3145,
21.5848


 50.9311, 35.3145,
21.5848


380.6881,
325.9543, 273.2527

 36.3746, 23.9052,
13.3567


 90.7365, 67.9727,
46.9522

 24.8951, 15.2633,
7.5411


 116.7161, 89.9904,
64.9285

 16.1272, 9.0044,
3.7192


 147.2342,
116.3131, 86.9914

 9.7056, 4.7441,
1.4726

182.6560,
147.3251, 113.5594

 5.2650, 2.0979,
0.1974

223.3469,
183.4108, 145.0510

 2.4399, 0.6634,
0.0000

269.6724,

 0.8651, 0.0000,

224.9547, 181.8847

0.0000

321.9976,
272.3410, 224.4791

■ 0.0000, 0.0000,
0.0000

■ 50.9311, 35.3145,
21.5848

■ 50.9311, 35.3145,
21.5848

■ 47.0391, 29.6351,
13.7999

■ 56.0329, 42.7752,
31.7420

■ 44.2546, 25.5838,
8.1933

■ 62.4303, 52.1428,
44.4406

■ 42.4632, 22.9909,
4.5438

■ 70.2046, 63.5378,
59.8364

■ 41.5239, 21.6471,
2.5826

■ 79.4294, 77.0696,
78.0724

■ 41.2600, 21.2680,
2.0362

■ 90.1732, 92.8394,
99.2812

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.



52.9570, 35.3145, 42.6035



50.9311, 35.3145, 21.5848



43.9632, 35.3145, 11.1545

Triad

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



50.9311, 35.3145, 21.5848



21.7084, 35.3145, 17.1940



32.1842, 35.3145, 107.8765

Complementary

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



50.9311, 35.3145, 21.5848



60.8279, 82.3946, 105.6321

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.



24.9517, 35.3145, 92.1086



50.9311, 35.3145, 21.5848



19.6006, 35.3145, 34.5784

Square

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



50.9311, 35.3145, 21.5848



26.9957, 35.3145, 9.4875



20.6777, 35.3145, 62.3901



41.1227, 35.3145, 99.4776

Rectangle

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



50.9311, 35.3145, 21.5848



37.9968, 35.3145, 8.3841



20.6777, 35.3145, 62.3901



29.4926, 35.3145, 105.0848

Sweetspot

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



50.9320, 35.3164, 21.5854



77.5759, 74.3499, 74.4103



64.8110, 40.7709, 99.0611



16.1844, 15.2977, 15.0967



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.



50.9320, 35.3164, 21.5854



46.7494, 29.2129, 13.2184



61.5303, 56.7027, 24.5339



18.0200, 17.9913, 18.7227



21.5639, 11.1149, 1.0881



2.1032, 1.0836, 0.1247

Inverse Universe

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



50.9320, 35.3164, 21.5854



46.7494, 29.2129, 13.2184



43.4354, 47.0989, 101.4092



18.0200, 17.9913, 18.7227



21.5639, 11.1149, 1.0881



2.1032, 1.0836, 0.1247

Previews

White Background



This preview shows how the XYZ color 50.9311, 35.3145, 21.5848 looks on a white background.

Color Contrast Check

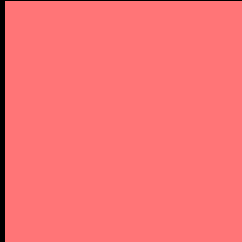
Large Text (above 18pt) WCAG AA × Fail

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 50.9311, 35.3145, 21.5848 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 50.9311, 35.3145, 21.5848

Background



This preview shows how black text looks on a background with the XYZ color 50.9311, 35.3145, 21.5848.



This preview shows how white text looks on a background with the XYZ color 50.9311, 35.3145,

21.5848.

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

50.9311, 35.3145, 21.5848

Protanopia

33.5932, 35.4407, 29.4963

Deuteranopia

36.0221, 35.3798, 20.5532



Tritanopia

51.1235, 35.2060, 23.1697

Trichromacy



Original Color

50.9311, 35.3145, 21.5848

Protanomaly

37.9575, 33.8918, 26.3710

Deuteranomaly

40.3509, 34.5837, 20.7683

Tritanomaly

50.9982, 35.1559, 22.5102

Monochromacy



Original Color

50.9311, 35.3145, 21.5848

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

36.8488, 32.9960, 30.8123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.9311, 35.3145, 21.5848 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, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 119)  
}
```

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, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 119) }
```

Border

The CSS property to change the border of an element to XYZ 50.9311, 35.3145, 21.5848 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, 119) }
```


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

```
.border{ border-color:rgb(255, 117, 119) }
```

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, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
119) }
```

Background

The CSS property to change the background color of an element to XYZ 50.9311, 35.3145, 21.5848 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, 119) }
```

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

```
.background{ background-color: rgb(255,  
117, 119) }
```

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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