

Converting Colors

XYZ(51.9595, 38.1082, 19.6560)

Have a look what the booklet for
XYZ(51.9595, 38.1082, 19.6560)
contains.

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Color

**XYZ(51.9595, 38.1082,
19.6560)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF816F |
| RGB | 255, 129, 111 |
| RGB Percent | 100%, 51%, 44% |
| CMY | 0.0000, 0.4941, 0.5647 |
| CMYK | 0.00, 0.49, 0.56, 0.00 |
| HSL | 8°, 100%, 72% |
| HSV | 8°, 56%, 100% |
| XYZ | 51.9595, 38.1082, 19.6560 |
| YIQ | 164.6220, 80.8740, 21.1140 |

Conversions

Conversions Part 2

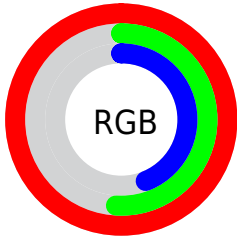
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 132, 111 |
| Decimal | 16744815 |
| CIE _{Lab} | 68.10, 46.33, 31.97 |
| CIE _{LCh} | 68, 56.289, 34.604 |
| Yxy | 38.1082, 0.4735, 0.3473 |
| Android (android.graphics.Color) | 4294934895 (0xFFFF816F) |
| YUV | 164.6220, -26.4356, 79.2615 |
| Hunter-Lab | 61.7318, 42.2122, 24.3338 |

Details

The XYZ color **51.9595, 38.1082, 19.6560** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **54.8877, 71.1638, 105.4504**, and the grayscale version is **35.6797, 37.5378, 40.8787**.

A 20% lighter version of the original color is **64.9913, 58.1853, 42.4558**, and **25.4740, 16.8652, 6.6153** is the 20% darker color. If you saturate the color by 10%, you get **48.1256, 32.3760, 12.4118**, and if you desaturate by 10%, it is **56.8375, 45.2878, 29.2255**.

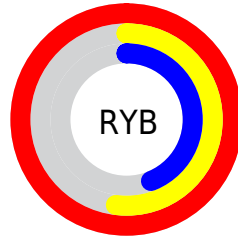
Distribution



Red (100%)

Green (51%)

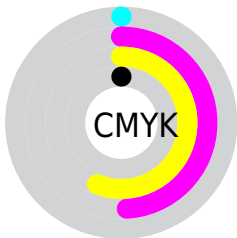
Blue (44%)



Red (100%)

Yellow (52%)

Blue (44%)

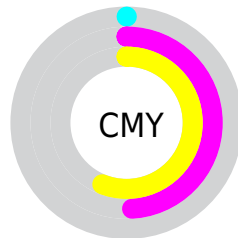


Cyan (0%)

Magenta (49%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9595, 38.1082, 19.6560 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 51.9595, 38.1082, 19.6560 by changing the saturation by 10% instead.


 51.9595, 38.1082,
19.6560

 51.9595, 38.1082,
19.6560


384.6068,
338.0839, 262.5891

 37.1969, 26.0667,
11.9636


 92.2461, 72.2739,
43.6910


 25.5344, 16.8735,
6.5967


 118.5008, 95.1670,
60.8708

 16.6065, 10.1444,
3.1366

 149.3170,
122.4459, 82.0502

 10.0479, 5.4948,
1.1648

 185.0599,
154.4953, 107.6476

 5.4932, 2.5404,
0.0000

226.0950,
191.6993, 138.0816

 2.5772, 0.8968,
0.0000

272.7876,

 0.9343, 0.0000,

234.4425, 173.7709

0.0000

325.5031,
283.1092, 215.1338

■ 0.0000, 0.0000,
0.0000

■ 51.9595, 38.1082,
19.6560

■ 51.9595, 38.1082,
19.6560

■ 48.1256, 32.3760,
12.4118

■ 56.8375, 45.2878,
29.2255

■ 45.2558, 27.9868,
7.2919

■ 62.8262, 53.9981,
41.2943

■ 43.2625, 24.8316,
4.0644

■ 69.9900, 64.3228,
56.0221

■ 42.0400, 22.7813,
2.4400

■ 78.3872, 76.3381,
73.5548

■ 41.7533, 22.2869,
2.1011

■ 88.0726, 90.1153,
94.0274

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.



55.7768, 38.1082, 37.7341



51.9595, 38.1082, 19.6560



43.9497, 38.1082, 11.3591

Triad

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



51.9595, 38.1082, 19.6560



23.0163, 38.1082, 24.0278



37.5920, 38.1082, 110.7026

Complementary

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



51.9595, 38.1082, 19.6560



54.8877, 71.1638, 105.4504

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.



29.4555, 38.1082, 102.2449



51.9595, 38.1082, 19.6560



21.8710, 38.1082, 45.4943

Square

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



51.9595, 38.1082, 19.6560



27.4586, 38.1082, 13.0742



24.0320, 38.1082, 75.4307



46.6728, 38.1082, 95.3305

Rectangle

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



51.9595, 38.1082, 19.6560



37.8307, 38.1082, 9.5822



24.0320, 38.1082, 75.4307



34.6570, 38.1082, 110.5907

Sweetspot

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



51.9604, 38.1102, 19.6567



77.9107, 75.6580, 72.5532



62.3864, 38.8138, 85.2465



16.2961, 15.6515, 14.7325



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.



51.9604, 38.1102, 19.6567



47.6263, 31.6201, 11.4962



64.7171, 63.6237, 23.9089



18.1924, 18.3529, 18.7280



21.8737, 11.7586, 1.1168



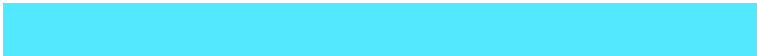
2.1847, 1.2547, 0.1270

Inverse Universe

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



54.8877, 71.1638, 105.4504



50.7237, 67.4533, 104.9541



38.2783, 37.9450, 99.9139



18.3496, 20.0709, 23.1569



23.3116, 31.5328, 54.2924



2.3218, 3.1742, 5.3036

Previews

White Background



This preview shows how the XYZ color 51.9595, 38.1082, 19.6560 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 51.9595, 38.1082, 19.6560 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 51.9595, 38.1082, 19.6560

Background



This preview shows how black text looks on a background with the XYZ color 51.9595, 38.1082, 19.6560.



This preview shows how white text looks on a background with the XYZ color 51.9595, 38.1082,

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

51.9595, 38.1082, 19.6560

Protanopia

35.8271, 38.2697, 25.5772

Deuteranopia

39.0870, 38.2544, 18.9594



Tritanopia

53.2025, 38.1880, 27.4886

Trichromacy



Original Color

51.9595, 38.1082, 19.6560

Protanomaly

40.2960, 37.2848, 23.1620

Deuteranomaly

43.1155, 37.6347, 19.1791

Tritanomaly

52.7251, 38.2047, 24.3340

Monochromacy



Original Color

51.9595, 38.1082, 19.6560

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.6278, 36.5066, 31.7459

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9595, 38.1082, 19.6560 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, 129, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 111)  
}
```

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, 129, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 111) }
```

Border

The CSS property to change the border of an element to XYZ 51.9595, 38.1082, 19.6560 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, 129, 111) }
```


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

```
.border{ border-color:rgb(255, 129, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9595, 38.1082, 19.6560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 111) }
```

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

```
.background{ background-color: rgb(255,  
129, 111) }
```

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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