

Converting Colors

XYZ(51.1425, 38.0105, 19.9728)

Have a look what the booklet for
XYZ(51.1425, 38.0105, 19.9728)
contains.

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Color

**XYZ(51.1858, 38.0979,
19.9851)**

Conversions

Conversions Part 1

Format	Color
Hex	FC8370
RGB	252, 131, 112
RGB Percent	99%, 51%, 44%
CMY	0.0118, 0.4862, 0.5608
CMYK	0.00, 0.48, 0.56, 0.01
HSL	8°, 96%, 71%
HSV	8°, 56%, 99%
XYZ	51.1858, 38.0979, 19.9851
YIQ	165.0130, 78.2150, 19.7430

Conversions

Conversions Part 2

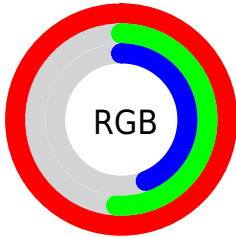
Format	Color
R _Y B	252, 134, 112
Decimal	16548720
CIE Lab	68.09, 44.32, 31.33
CIE LCh	68, 54.277, 35.251
Yxy	38.0979, 0.4684, 0.3487
Android (android.graphics.Color)	4294738800 (0xFFFC8370)
YUV	165.0130, -26.1354, 76.2876
Hunter-Lab	61.7235, 40.0096, 24.0093

Details

The XYZ color **51.1858, 38.0979, 19.9851** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **53.3898, 68.7469, 102.5505**, and the grayscale version is **35.8667, 37.7345, 41.0929**.

A 20% lighter version of the original color is **65.4997, 59.0581, 43.0691**, and **25.1357, 16.8953, 6.7868** is the 20% darker color. If you saturate the color by 10%, you get **47.3500, 32.3664, 12.7261**, and if you desaturate by 10%, it is **56.0308, 45.2199, 29.5178**.

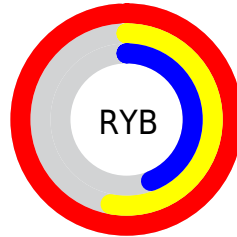
Distribution



Red (99%)

Green (51%)

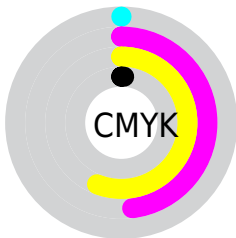
Blue (44%)



Red (99%)

Yellow (53%)

Blue (44%)

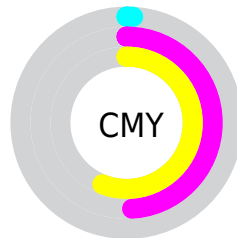


Cyan (0%)

Magenta (48%)

Yellow (56%)

Black (1%)



Cyan (1%)


Magenta (49%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1858, 38.0979, 19.9851 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 51.1858, 38.0979, 19.9851 by changing the saturation by 10% instead.


 51.1858, 38.0979,
19.9851


 51.1858, 38.0979,
19.9851


381.6610,
338.0397, 264.4360

 36.5781, 26.0587,
12.2002


 91.1107, 72.2582,
44.2508


 25.0532, 16.8675,
6.7560


 117.1587, 95.1480,
61.5688

 16.2456, 10.1401,
3.2339


 147.7508,
122.4235, 82.9016

 9.7901, 5.4919,
1.2152

 183.2524,
154.4691, 108.6676

 5.3212, 2.5387,
0.0000

224.0289,
191.6691, 139.2856

 2.4736, 0.8959,
0.0000

270.4456,

 0.8820, 0.0000,

234.4079, 175.1739

0.0000

322.8678,
283.0700, 216.7512

■ 0.0000, 0.0000,
0.0000

■ 51.1858, 38.0979,
19.9851

■ 51.1858, 38.0979,
19.9851

■ 47.3500, 32.3664,
12.7261

■ 56.0308, 45.2199,
29.5178

■ 44.4480, 27.9283,
7.5483

■ 61.9475, 53.8092,
41.4909

■ 42.3984, 24.6833,
4.2311

■ 68.9964, 63.9442,
56.0578

■ 41.1030, 22.5134,
2.5019

■ 77.2329, 75.6958,
73.3586

■ 40.7228, 21.8516,
2.0714

■ 86.7085, 89.1306,
93.5236

93.9547, 99.4353,
108.8487

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.9452, 38.0979, 37.3632



51.1858, 38.0979, 19.9851



43.4569, 38.0979, 11.9275

Triad

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



51.1858, 38.0979, 19.9851



23.3560, 38.0979, 24.8753



37.7200, 38.0979, 107.3175

Complementary

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



51.1858, 38.0979, 19.9851



53.3898, 68.7469, 102.5505

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.



29.8187, 38.0979, 99.8041



51.1858, 38.0979, 19.9851



22.3076, 38.0979, 45.8932

Square

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



51.1858, 38.0979, 19.9851



27.6104, 38.0979, 13.8828



24.4850, 38.0979, 74.5982



46.4343, 38.0979, 92.3432

Rectangle

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



51.1858, 38.0979, 19.9851



37.5745, 38.0979, 10.2215



24.4850, 38.0979, 74.5982



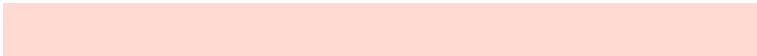
34.8807, 38.0979, 107.3844

Sweetspot

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



51.1867, 38.0999, 19.9858



78.0306, 75.8979, 72.5932



60.6946, 38.1862, 81.5122



16.3241, 15.7073, 14.7418



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.



51.1867, 38.0999, 19.9858



48.1399, 32.4899, 12.1523



63.8784, 63.4833, 24.2164



17.4346, 17.6050, 17.9416



21.2729, 11.5025, 1.0990



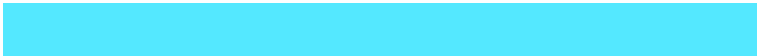
2.0270, 1.1788, 0.1207

Inverse Universe

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



53.3898, 68.7469, 102.5505



50.5213, 66.7152, 104.8223



37.4094, 36.7862, 97.2238



17.5531, 19.1830, 22.1628



22.2645, 29.8845, 52.5684



2.1159, 2.8754, 4.8867

Previews

White Background



This preview shows how the XYZ color 51.1858, 38.0979, 19.9851 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 51.1858, 38.0979, 19.9851 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 51.1858, 38.0979, 19.9851

Background



This preview shows how black text looks on a background with the XYZ color 51.1858, 38.0979, 19.9851.



This preview shows how white text looks on a background with the XYZ color 51.1858, 38.0979,

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

51.1858, 38.0979, 19.9851

Protanopia

35.8271, 38.2697, 25.5772

Deuteranopia

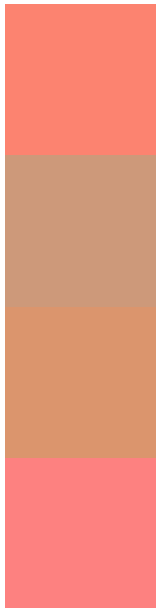
38.8714, 38.1372, 19.2224



Tritanopia

53.1076, 38.3153, 28.2634

Trichromacy



Original Color

51.1858, 38.0979, 19.9851

Protanomaly

40.0809, 37.1667, 23.4738

Deuteranomaly

42.7212, 37.6591, 19.4853

Tritanomaly

52.2546, 38.1417, 25.0300

Monochromacy



Original Color

51.1858, 38.0979, 19.9851

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

39.6055, 36.7281, 32.1959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1858, 38.0979, 19.9851 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(252, 131, 112)` looks like.

```
.text, #text, p{  
    color:rgb(252, 131, 112)  
}
```

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(252, 131, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 131, 112) }
```

Border

The CSS property to change the border of an element to XYZ 51.1858, 38.0979, 19.9851 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(252, 131, 112) }
```


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

```
.border{ border-color:rgb(252, 131, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 131, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 131, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 131, 112);  
box-shadow:4px 4px 4px 4px rgb(252, 131,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1858, 38.0979, 19.9851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 131, 112) }
```

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

```
.background{ background-color: rgb(252,  
131, 112) }
```

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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