

Converting Colors

XYZ(57.5502, 51.9008, 20.0638)

Have a look what the booklet for
XYZ(57.5502, 51.9008, 20.0638)
contains.

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Color

**XYZ(57.4184, 51.7808,
20.0651)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAE68
RGB	251, 174, 104
RGB Percent	98%, 68%, 41%
CMY	0.0157, 0.3176, 0.5921
CMYK	0.00, 0.31, 0.59, 0.02
HSL	29°, 95%, 70%
HSV	29°, 59%, 98%
XYZ	57.4184, 51.7808, 20.0651
YIQ	189.0430, 68.3620, -5.4460

Conversions

Conversions Part 2

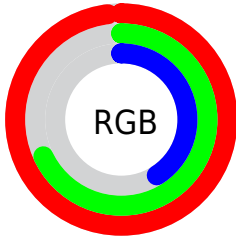
Format	Color
R _Y B	251, 238, 104
Decimal	16494184
CIE Lab	77.15, 21.17, 46.79
CIE LCh	77, 51.356, 65.657
Yxy	51.7808, 0.4442, 0.4006
Android (android.graphics.Color)	4294684264 (0xFFFB AE68)
YUV	189.0430, -41.9262, 54.3363
Hunter-Lab	71.9589, 16.5031, 33.8387

Details

The XYZ color **57.4184, 51.7808, 20.0651** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **39.6445, 42.9538, 97.4678**, and the grayscale version is **48.6005, 51.1315, 55.6823**.

A 20% lighter version of the original color is **75.6226, 80.2879, 43.4097**, and **28.9891, 25.0175, 6.7910** is the 20% darker color. If you saturate the color by 10%, you get **53.9116, 46.5131, 13.5149**, and if you desaturate by 10%, it is **61.5556, 57.7026, 28.6978**.

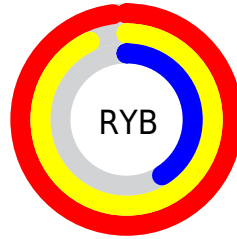
Distribution



Red (98%)

Green (68%)

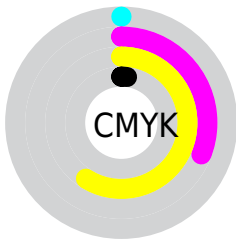
Blue (41%)



Red (98%)

Yellow (93%)

Blue (41%)

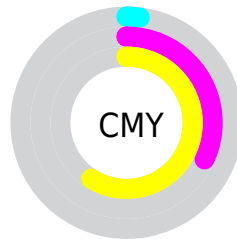


Cyan (0%)

Magenta (31%)

Yellow (59%)

Black (2%)



Cyan (2%)


Magenta (32%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4184, 51.7808, 20.0651 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 57.4184, 51.7808, 20.0651 by changing the saturation by 10% instead.


 57.4184, 51.7808,
20.0651

 57.4184, 51.7808,
20.0651


405.0041,
393.5898, 264.8832


 41.5827, 36.8304,
12.2578


 100.2033, 92.8079,
44.3867


 28.9644, 25.0762,
6.7949


 127.8832,
119.6533, 61.7381

 19.1980, 16.1338,
3.2576


 160.2418,
151.2326, 83.1080

 11.9183, 9.6189,
1.2276

 197.6446,
187.9301, 108.9149

 6.7599, 5.1470,
0.0014

240.4569,
230.1301, 139.5773

 3.3574, 2.3338,
0.0000

289.0440,

 1.3454, 0.7915,

278.2172, 175.5138

0.0000

343.7713,
332.5756, 217.1429

■ 0.2168, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4184, 51.7808,
20.0651

■ 57.4184, 51.7808,
20.0651

■ 53.9116, 46.5131,
13.5149

■ 61.5556, 57.7026,
28.6978

■ 50.9897, 41.8637,
8.8588

■ 66.3569, 64.2966,
39.5732

■ 48.6053, 37.8038,
5.8783

■ 71.8574, 71.5895,
52.8389

■ 46.6918, 34.2942,
4.2620

■ 78.0887, 79.6039,
68.6291

46.4440, 33.8302,
4.0820

85.0800, 88.3613,
87.0678

92.8588, 97.8822,
108.2709

93.5935, 99.2491,
108.8318

Harmonies

Analogous

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



66.2110, 51.7808, 30.3638



57.4184, 51.7808, 20.0651



47.3780, 51.7808, 17.8679

Triad

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



57.4184, 51.7808, 20.0651



32.7133, 51.7808, 61.8814



61.0662, 51.7808, 112.7343

Complementary

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



57.4184, 51.7808, 20.0651



39.6445, 42.9538, 97.4678

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.



51.1012, 51.7808, 129.1476



57.4184, 51.7808, 20.0651



35.4107, 51.7808, 94.1512

Square

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



57.4184, 51.7808, 20.0651



33.9370, 51.7808, 36.8954



41.8347, 51.7808, 121.4091



68.5055, 51.7808, 81.7429

Rectangle

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



57.4184, 51.7808, 20.0651



41.4836, 51.7808, 20.3294



41.8347, 51.7808, 121.4091



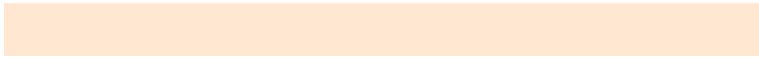
57.8543, 51.7808, 120.5375

Sweetspot

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



57.4196, 51.7834, 20.0661



81.3255, 82.9973, 72.1203



53.2190, 33.8042, 48.1933



16.9845, 17.2275, 14.3476



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.



57.4196, 51.7834, 20.0661



55.3957, 47.4562, 13.1693



75.2683, 87.4808, 26.0157



17.9265, 18.5888, 18.1056



24.5567, 18.0700, 2.1936



2.3797, 1.8843, 0.2383

Inverse Universe

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



39.6445, 42.9538, 97.4678



35.4437, 37.5238, 99.9825



28.5798, 20.8245, 93.7796



17.0354, 18.1476, 21.9903



13.5990, 12.5536, 49.6799



1.3657, 1.3751, 4.6366

Previews

White Background



This preview shows how the XYZ color 57.4184, 51.7808, 20.0651 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 57.4184, 51.7808, 20.0651 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 57.4184, 51.7808, 20.0651

Background



This preview shows how black text looks on a background with the XYZ color 57.4184, 51.7808, 20.0651.



This preview shows how white text looks on a background with the XYZ color 57.4184, 51.7808,

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

57.4184, 51.7808, 20.0651

Protanopia

47.7398, 51.9427, 22.2616

Deuteranopia

53.0579, 51.9076, 19.7931



Tritanopia

62.9121, 51.7468, 48.7918

Trichromacy



Original Color

57.4184, 51.7808, 20.0651

Protanomaly

50.7962, 51.6279, 21.4753

Deuteranomaly

54.5035, 51.7447, 19.9471

Tritanomaly

60.6469, 51.6811, 36.0572

Monochromacy



Original Color

57.4184, 51.7808, 20.0651

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.4634, 50.7467, 39.4831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4184, 51.7808, 20.0651 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(251, 174, 104)` looks like.

```
.text, #text, p{  
    color:rgb(251, 174, 104)  
}
```

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(251, 174, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 174, 104) }
```

Border

The CSS property to change the border of an element to XYZ 57.4184, 51.7808, 20.0651 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(251, 174, 104) }
```


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

```
.border{ border-color:rgb(251, 174, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 174, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 174, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 174, 104);  
box-shadow:4px 4px 4px 4px rgb(251, 174,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4184, 51.7808, 20.0651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 174, 104) }
```

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

```
.background{ background-color: rgb(251,  
174, 104) }
```

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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