

Converting Colors

XYZ(58.2563, 55.2696, 19.2725)

Have a look what the booklet for
XYZ(58.2563, 55.2696, 19.2725)
contains.

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Color

**XYZ(58.0565, 55.1193,
19.1345)**

Conversions

Conversions Part 1

Format	Color
Hex	F8B862
RGB	248, 184, 98
RGB Percent	97%, 72%, 38%
CMY	0.0275, 0.2784, 0.6157
CMYK	0.00, 0.26, 0.60, 0.03
HSL	34°, 91%, 68%
HSV	34°, 60%, 97%
XYZ	58.0565, 55.1193, 19.1345
YIQ	193.3320, 65.7500, -13.1780

Conversions

Conversions Part 2

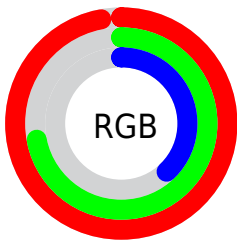
Format	Color
R_{YB}	210, 248, 98
Decimal	16300130
CIE _{Lab}	79.11, 14.28, 51.96
CIE _{LCh}	79, 53.884, 74.633
Yxy	55.1193, 0.4388, 0.4166
Android (android.graphics.Color)	4294490210 (0xFFFF8B862)
YUV	193.3320, -46.9987, 47.9438
Hunter-Lab	74.2424, 9.6604, 36.6888

Details

The XYZ color **58.0565, 55.1193, 19.1345** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.9000, 35.2131, 93.7638**, and the grayscale version is **51.1263, 53.7888, 58.5760**.

A 20% lighter version of the original color is **77.9860, 85.8145, 41.7317**, and **29.3684, 27.1292, 6.3779** is the 20% darker color. If you saturate the color by 10%, you get **54.9460, 50.4910, 13.1884**, and if you desaturate by 10%, it is **61.6967, 60.2269, 27.0474**.

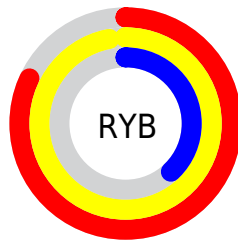
Distribution



Red (97%)

Green (72%)

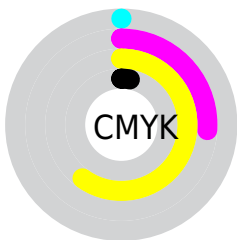
Blue (38%)



Red (82%)

Yellow (97%)

Blue (38%)

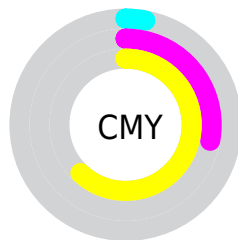


Cyan (0%)

Magenta (26%)

Yellow (60%)

Black (3%)



Cyan (3%)

Magenta (28%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0565, 55.1193, 19.1345 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 58.0565, 55.1193, 19.1345 by changing the saturation by 10% instead.

58.0565, 55.1193,
19.1345

58.0565, 55.1193,
19.1345

407.3469,
406.3640, 259.6377

42.0975, 39.4972,
11.5897

101.1276, 97.7157,
42.8010

29.3691, 27.1468,
6.3458

128.9705,
125.4589, 59.7597

19.5059, 17.6835,
2.9843

161.5053,
158.0112, 80.6936

12.1426, 10.7230,
1.0866

199.0975,
195.7571, 106.0210

6.9137, 5.8809,
0.0000

242.1124,
239.0809, 136.1606

3.4541, 2.7728,
0.0000

290.9154,

1.3982, 1.0143,

288.3671, 171.5309

0.0000

345.8717,
344.0000, 212.5504

■ 0.2549, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.0565, 55.1193,
19.1345

■ 58.0565, 55.1193,
19.1345

■ 54.9460, 50.4910,
13.1884

■ 61.6967, 60.2269,
27.0474

■ 52.3229, 46.3128,
9.0216


■ 65.8964, 65.8247,
37.0846


■ 50.1434, 42.5635,
6.4154


■ 70.6876, 71.9329,
49.3915

■ 48.4134, 39.3608,
5.0457

■ 76.0981, 78.5681,
64.0994

 82.1540, 85.7457,
81.3295

 88.8796, 93.4804,
101.1949

 92.5212, 98.6963,
108.7817

Harmonies

Analogous

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



68.5077, 55.1193, 27.3075



58.0565, 55.1193, 19.1345



47.3419, 55.1193, 19.0431

Triad

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



58.0565, 55.1193, 19.1345



34.8357, 55.1193, 76.2365



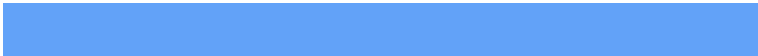
68.2841, 55.1193, 112.7290

Complementary

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



58.0565, 55.1193, 19.1345



34.9000, 35.2131, 93.7638

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.



57.7831, 55.1193, 137.3877



58.0565, 55.1193, 19.1345



39.0208, 55.1193, 111.9150

Square

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



58.0565, 55.1193, 19.1345



34.8879, 55.1193, 45.6630



47.1033, 55.1193, 137.0472



74.9397, 55.1193, 77.0986

Rectangle

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



58.0565, 55.1193, 19.1345



41.5042, 55.1193, 23.3114



47.1033, 55.1193, 137.0472



65.0282, 55.1193, 123.0427

Sweetspot

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



58.0578, 55.1220, 19.1356



82.5891, 85.5246, 72.5415



49.6901, 31.3366, 38.0805



17.2925, 17.8434, 14.4502



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.



58.0578, 55.1220, 19.1356



57.7533, 52.5753, 12.7100



71.0317, 86.1934, 24.4492



18.0710, 18.8778, 18.1537



26.2951, 21.5469, 2.7731



2.5405, 2.2059, 0.2919

Inverse Universe

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



34.9000, 35.2131, 93.7638



31.1254, 29.7433, 98.7083



27.4958, 18.7014, 90.9670



16.8918, 17.8605, 21.9424



12.0585, 9.4726, 49.1664



1.2195, 1.0827, 4.5879

Previews

White Background



This preview shows how the XYZ color 58.0565, 55.1193, 19.1345 looks on a white background.

Color Contrast Check

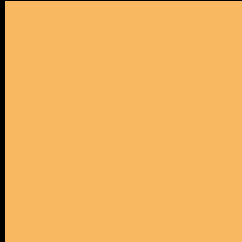
Large Text (above 18pt) WCAG AA × Fail

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 58.0565, 55.1193, 19.1345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

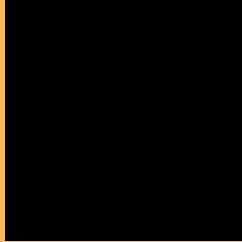
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0565, 55.1193, 19.1345

Background



This preview shows how black text looks on a background with the XYZ color 58.0565, 55.1193, 19.1345.



This preview shows how white text looks on a background with the XYZ color 58.0565, 55.1193,

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

58.0565, 55.1193, 19.1345

Protanopia

50.4571, 55.0381, 20.5344

Deuteranopia

56.5459, 55.2810, 18.9993



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

58.0565, 55.1193, 19.1345

Protanomaly

53.1935, 55.1328, 20.1500

Deuteranomaly

57.0248, 55.2140, 18.9611

Tritanomaly

61.9817, 54.9028, 38.3409

Monochromacy



Original Color

58.0565, 55.1193, 19.1345

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.0256, 53.4417, 39.9210

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0565, 55.1193, 19.1345 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(248, 184, 98)` looks like.

```
.text, #text, p{  
    color:rgb(248, 184, 98)  
}
```

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(248, 184, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 184, 98) }
```

Border

The CSS property to change the border of an element to XYZ 58.0565, 55.1193, 19.1345 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(248, 184, 98) }
```


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

```
.border{ border-color:rgb(248, 184, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 184, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 184, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 184, 98);  
box-shadow:4px 4px 4px 4px rgb(248, 184,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0565, 55.1193, 19.1345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 184, 98) }
```

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

```
.background{ background-color: rgb(248,  
184, 98) }
```

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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