

Converting Colors

XYZ(60.6615, 58.3691, 31.2273)

Have a look what the booklet for
XYZ(60.6615, 58.3691, 31.2273)
contains.

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Color

**XYZ(60.7309, 58.4517,
31.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	F5BF88
RGB	245, 191, 136
RGB Percent	96%, 75%, 53%
CMY	0.0392, 0.2510, 0.4667
CMYK	0.00, 0.22, 0.44, 0.04
HSL	30°, 84%, 75%
HSV	30°, 44%, 96%
XYZ	60.7309, 58.4517, 31.3740
YIQ	200.8760, 49.8390, -5.6570

Conversions

Conversions Part 2

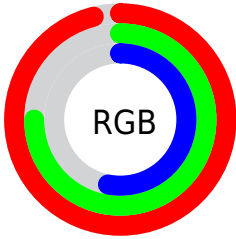
Format	Color
R_{YB}	243, 245, 136
Decimal	16105352
CIE _{Lab}	80.99, 12.60, 35.12
CIE _{LCh}	81, 37.314, 70.272
Yxy	58.4517, 0.4034, 0.3882
Android (android.graphics.Color)	4294295432 (0xFFFF5BF88)
YUV	200.8760, -31.9839, 38.6967
Hunter-Lab	76.4537, 7.9972, 29.1870

Details

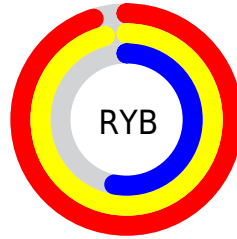
The XYZ color **60.7309, 58.4517, 31.3740** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.0474, 48.6517, 93.4023**, and the grayscale version is **55.6121, 58.5083, 63.7155**.

A 20% lighter version of the original color is **83.7950, 91.4992, 61.9598**, and **31.2217, 29.3976, 12.6231** is the 20% darker color. If you saturate the color by 10%, you get **56.6471, 52.7594, 22.3822**, and if you desaturate by 10%, it is **65.4349, 64.7474, 42.5371**.

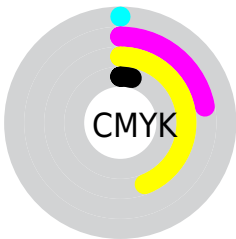
Distribution



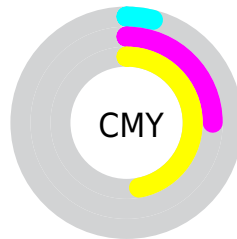
- Red (96%)
- Green (75%)
- Blue (53%)



- Red (95%)
- Yellow (96%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (44%)
- Black (4%)





- Cyan (4%)
- Magenta (25%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7309, 58.4517, 31.3740 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 60.7309, 58.4517, 31.3740 by changing the saturation by 10% instead.


 60.7309, 58.4517,
31.3740


 60.7309, 58.4517,
31.3740


417.0783,
418.8670, 322.6620


 44.2597, 42.1719,
20.6230


 104.9895,
102.5803, 62.9149

 31.0735, 29.2359,
12.6601

 133.5077,
131.1980, 84.5418

 20.8070, 19.2594,
7.0670


 166.7723,
164.6970, 110.6311

 13.0946, 11.8578,
3.4249

205.1486,
203.4618, 141.6013

 7.5712, 6.6469,
1.3155

249.0020,
247.8769, 177.8710

 3.8713, 3.2423,
0.0744

298.6978,

 1.6296, 1.2595,

298.3264, 219.8586

0.0000

354.6015,
355.1950, 267.9828

0.4116, 0.1095,
0.0000

0.0000, 0.0000,
0.0000

60.7309, 58.4517,
31.3740

60.7309, 58.4517,
31.3740

56.6471, 52.7594,
22.3822

65.4349, 64.7474,
42.5371

53.1465, 47.6406,
15.4117

70.7848, 71.6584,
56.0006

50.1939, 43.0747,
10.2987

76.8098, 79.2064,
71.8879

47.7477, 39.0359,
6.8520

83.5359, 87.4096,
90.3121

■ 45.7579, 35.4947,
4.8374

■ 90.4185, 96.0574,
108.3831

■ 44.8183, 33.7368,
4.1497

■ 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



67.6974, 58.4517, 39.8852



60.7309, 58.4517, 31.3740



52.9458, 58.4517, 30.2533

Triad

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



60.7309, 58.4517, 31.3740



42.1668, 58.4517, 71.5476



65.7383, 58.4517, 101.9986

Complementary

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



60.7309, 58.4517, 31.3740



45.0474, 48.6517, 93.4023

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.



58.2518, 58.4517, 115.4433



60.7309, 58.4517, 31.3740



44.9617, 58.4517, 95.3475

Square

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



60.7309, 58.4517, 31.3740



42.6971, 58.4517, 50.3188



50.6849, 58.4517, 112.7608



70.7691, 58.4517, 79.1356

Rectangle

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



60.7309, 58.4517, 31.3740



48.3898, 58.4517, 33.4845



50.6849, 58.4517, 112.7608



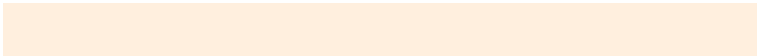
63.3983, 58.4517, 107.9850

Sweetspot

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



60.7323, 58.4545, 31.3752



85.1481, 88.0126, 81.5022



55.8096, 40.7609, 53.9288



17.8935, 18.4289, 16.5516



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.



60.7323, 58.4545, 31.3752



62.6154, 58.6012, 25.7326



74.7524, 86.4946, 36.0485



17.1903, 17.8647, 17.3398



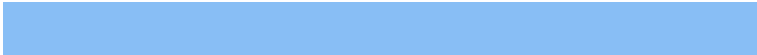
24.2834, 18.4524, 2.2818



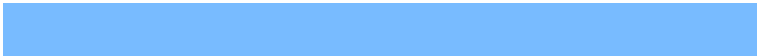
2.2371, 1.8274, 0.2348

Inverse Universe

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



45.0474, 48.6517, 93.4023



43.5024, 46.6573, 101.3207



35.4394, 29.4358, 90.1997



16.2592, 17.2827, 21.0215



12.7244, 11.2425, 48.0374



1.2210, 1.1935, 4.2562

Previews

White Background



This preview shows how the XYZ color 60.7309, 58.4517, 31.3740 looks on a white background.

Color Contrast Check

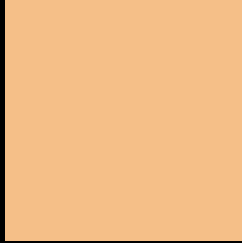
Large Text (above 18pt) WCAG AA × Fail

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 60.7309, 58.4517, 31.3740 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 60.7309, 58.4517, 31.3740

Background



This preview shows how black text looks on a background with the XYZ color 60.7309, 58.4517, 31.3740.



This preview shows how white text looks on a background with the XYZ color 60.7309, 58.4517,

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

60.7309, 58.4517, 31.3740

Protanopia

54.2355, 58.4185, 33.2283

Deuteranopia

59.7895, 58.6183, 31.4558



Tritanopia

66.7952, 58.4074, 60.5766

Trichromacy



Original Color

60.7309, 58.4517, 31.3740

Protanomaly

56.3050, 58.1275, 32.6782

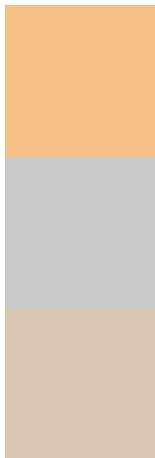
Deuteranomaly

59.9115, 58.3541, 31.3983

Tritanomaly

64.3637, 58.3527, 48.4283

Monochromacy



Original Color

60.7309, 58.4517, 31.3740

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5173, 57.8585, 49.7840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7309, 58.4517, 31.3740 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(245, 191, 136)` looks like.

```
.text, #text, p{  
    color:rgb(245, 191, 136)  
}
```

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(245, 191, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 191, 136) }
```

Border

The CSS property to change the border of an element to XYZ 60.7309, 58.4517, 31.3740 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(245, 191, 136) }
```


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

```
.border{ border-color:rgb(245, 191, 136) }
```

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

Here you see how a box with a 4 pixel rgb(245, 191, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 191, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 191, 136);  
box-shadow:4px 4px 4px 4px rgb(245, 191,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7309, 58.4517, 31.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 191, 136) }
```

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

```
.background{ background-color: rgb(245,  
191, 136) }
```

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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