

Converting Colors

XYZ(58.5259, 53.2837, 33.7611)

Have a look what the booklet for
XYZ(58.5259, 53.2837, 33.7611)
contains.

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Color

**XYZ(58.6106, 53.2669,
33.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B290
RGB	245, 178, 144
RGB Percent	96%, 70%, 56%
CMY	0.0392, 0.3019, 0.4353
CMYK	0.00, 0.27, 0.41, 0.04
HSL	20°, 83%, 76%
HSV	20°, 41%, 96%
XYZ	58.6106, 53.2669, 33.5780
YIQ	194.1570, 50.8460, 3.6300

Conversions

Conversions Part 2

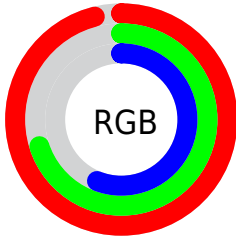
Format	Color
R _Y B	245, 195, 144
Decimal	16102032
CIE Lab	78.03, 20.27, 27.00
CIE LCh	78, 33.763, 53.105
Yxy	53.2669, 0.4029, 0.3662
Android (android.graphics.Color)	4294292112 (0xFFFF5B290)
YUV	194.1570, -24.7274, 44.5893
Hunter-Lab	72.9842, 15.6237, 23.8112

Details

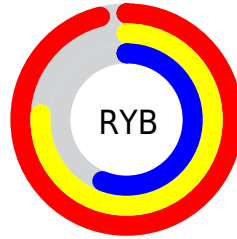
The XYZ color **58.6106, 53.2669, 33.5780** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2763, 59.1080, 95.0924**, and the grayscale version is **51.4931, 54.1747, 58.9963**.

A 20% lighter version of the original color is **80.8559, 84.1829, 65.4134**, and **29.8029, 26.0223, 13.8080** is the 20% darker color. If you saturate the color by 10%, you get **53.8934, 46.5110, 23.7482**, and if you desaturate by 10%, it is **64.1200, 60.9567, 45.6776**.

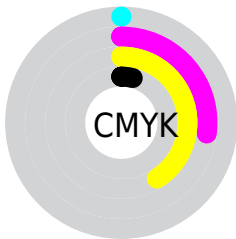
Distribution



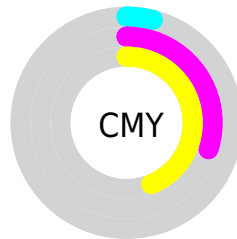
- Red (96%)
- Green (70%)
- Blue (56%)



- Red (96%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (4%)





- Cyan (4%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6106, 53.2669, 33.5780 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 58.6106, 53.2669, 33.5780 by changing the saturation by 10% instead.

 58.6106, 53.2669,
33.5780

 58.6106, 53.2669,
33.5780


409.3746,
399.3083, 332.9578

 42.5449, 38.0159,
22.2949


 101.9294, 94.9970,
66.4033

 29.7212, 25.9950,
13.8733


 129.9131,
122.2449, 88.7825

 19.7741, 16.8199,
7.8949

162.6003,
154.2604, 115.6974

 12.3382, 10.1062,
3.9409

200.3562,
191.4282, 147.5667

 7.0483, 5.4694,
1.5930

243.5463,
234.1324, 184.8089

 3.5389, 2.5252,
0.2858

292.5358,

 1.4447, 0.8892,

282.7576, 227.8424

0.0000

347.6901,
337.6881, 277.0859

■ 0.2878, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6106, 53.2669,
33.5780

■ 58.6106, 53.2669,
33.5780

■ 53.8934, 46.5110,
23.7482

■ 64.1200, 60.9567,
45.6776

■ 49.9244, 40.6439,
16.0406

■ 70.4543, 69.6076,
60.1752

■ 46.6611, 35.6283,
10.2954

■ 77.6493, 79.2552,
77.1934

■ 44.0546, 31.4204,
6.3278

■ 85.7372, 89.9311,
96.8452

■ 42.0479, 27.9719,
3.9170

■ 91.4661, 98.1524,
108.7323

■ 40.7104, 25.5210,
2.7804

Harmonies

Analogous

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



63.1805, 53.2669, 44.9093



58.6106, 53.2669, 33.5780



52.1627, 53.2669, 28.9500

Triad

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



58.6106, 53.2669, 33.5780



39.0778, 53.2669, 53.7566



55.7578, 53.2669, 98.1193

Complementary

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



58.6106, 53.2669, 33.5780



51.2763, 59.1080, 95.0924

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.



49.1249, 53.2669, 101.9223



58.6106, 53.2669, 33.5780



39.8600, 53.2669, 73.4121

Square

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



58.6106, 53.2669, 33.5780



41.1690, 53.2669, 38.8512



43.4063, 53.2669, 92.0722



61.4364, 53.2669, 82.5856

Rectangle

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



58.6106, 53.2669, 33.5780



47.8136, 53.2669, 29.3811



43.4063, 53.2669, 92.0722



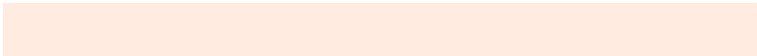
53.5520, 53.2669, 100.9327

Sweetspot

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



58.6119, 53.2695, 33.5791



84.3721, 85.9101, 82.9412



59.4294, 44.0793, 67.2235



17.8288, 18.0812, 17.2025



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.



58.6119, 53.2695, 33.5791



60.0478, 52.4235, 28.0906



70.4796, 77.0047, 37.5349



16.9551, 17.3942, 17.2614



22.0457, 13.9770, 1.5359



2.0287, 1.4106, 0.1653

Inverse Universe

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



51.2763, 59.1080, 95.0924



51.0404, 59.5235, 103.4068



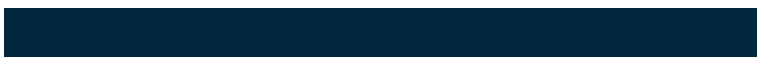
40.6993, 37.9540, 91.5668



16.4994, 17.7630, 21.1016



16.0210, 17.8357, 49.1363



1.5027, 1.7568, 4.3501

Previews

White Background



This preview shows how the XYZ color 58.6106, 53.2669, 33.5780 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 58.6106, 53.2669, 33.5780 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 58.6106, 53.2669, 33.5780

Background



This preview shows how black text looks on a background with the XYZ color 58.6106, 53.2669, 33.5780.



This preview shows how white text looks on a background with the XYZ color 58.6106, 53.2669,

33.5780.

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

58.6106, 53.2669, 33.5780

Protanopia

50.1095, 53.4961, 36.9629

Deuteranopia

54.3018, 53.1751, 33.3884



Tritanopia

62.5764, 53.1476, 52.8593

Trichromacy



Original Color

58.6106, 53.2669, 33.5780

Protanomaly

52.8437, 53.3202, 35.5236

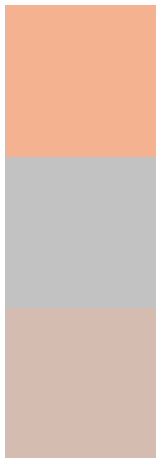
Deuteranomaly

55.6176, 52.9315, 33.2720

Tritanomaly

61.1032, 53.1308, 45.0650

Monochromacy



Original Color

58.6106, 53.2669, 33.5780

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2603, 53.2472, 48.5449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6106, 53.2669, 33.5780 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, 178, 144)` looks like.

```
.text, #text, p{  
    color:rgb(245, 178, 144)  
}
```

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, 178, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 178, 144) }
```

Border

The CSS property to change the border of an element to XYZ 58.6106, 53.2669, 33.5780 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, 178, 144) }
```


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

```
.border{ border-color:rgb(245, 178, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 178, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 178, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 178, 144);  
box-shadow:4px 4px 4px 4px rgb(245, 178,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6106, 53.2669, 33.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 178, 144) }
```

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

```
.background{ background-color: rgb(245,  
178, 144) }
```

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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