

Converting Colors

XYZ(59.7168, 53.5719, 31.0469)

Have a look what the booklet for
XYZ(59.7168, 53.5719, 31.0469)
contains.

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Color

**XYZ(59.6618, 53.5744,
30.8633)**

Conversions

Conversions Part 1

Format	Color
Hex	FAB189
RGB	250, 177, 137
RGB Percent	98%, 69%, 54%
CMY	0.0196, 0.3059, 0.4627
CMYK	0.00, 0.29, 0.45, 0.02
HSL	21°, 92%, 76%
HSV	21°, 45%, 98%
XYZ	59.6618, 53.5744, 30.8633
YIQ	194.2670, 56.3480, 3.0360

Conversions

Conversions Part 2

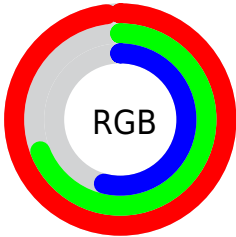
Format	Color
R _Y B	250, 199, 137
Decimal	16429449
CIE Lab	78.21, 22.02, 31.06
CIE LCh	78, 38.072, 54.663
Yxy	53.5744, 0.4140, 0.3718
Android (android.graphics.Color)	4294619529 (0xFF FAB189)
YUV	194.2670, -28.2326, 48.8778
Hunter-Lab	73.1945, 17.4072, 26.2359

Details

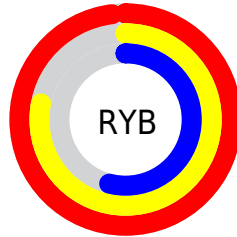
The XYZ color **59.6618, 53.5744, 30.8633** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.6173, 58.3112, 99.0295**, and the grayscale version is **51.5762, 54.2622, 59.0915**.

A 20% lighter version of the original color is **79.7829, 83.2994, 61.1636**, and **30.4138, 26.1798, 12.4670** is the 20% darker color. If you saturate the color by 10%, you get **55.0689, 46.9338, 21.4864**, and if you desaturate by 10%, it is **65.0504, 61.1415, 42.5561**.

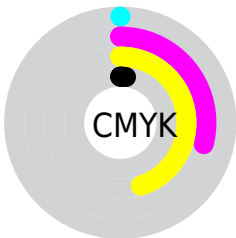
Distribution



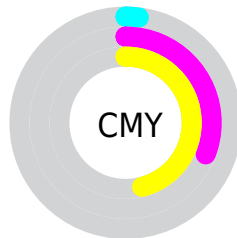
- Red (98%)
- Green (69%)
- Blue (54%)



- Red (98%)
- Yellow (78%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (2%)





- Cyan (2%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6618, 53.5744, 30.8633 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 59.6618, 53.5744, 30.8633 by changing the saturation by 10% instead.


 59.6618, 53.5744,
30.8633


 59.6618, 53.5744,
30.8633


413.2048,
400.4850, 320.2397


 43.3945, 38.2615,
20.2372


 103.4480, 95.4491,
62.1018

 30.3906, 26.1857,
12.3818


 131.6977,
122.7796, 83.5513

 20.2848, 16.9626,
6.8786


 164.6722,
154.8848, 109.4457

 12.7117, 10.2078,
3.3090

202.7369,
192.1492, 140.2035

 7.3060, 5.5370,
1.2545

246.2572,
234.9569, 176.2433

 3.7022, 2.5656,
0.0240

295.5983,

 1.5351, 0.9094,

283.6926, 217.9835

0.0000

351.1258,
338.7404, 265.8428

■ 0.3495, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6618, 53.5744,
30.8633

■ 59.6618, 53.5744,
30.8633

■ 55.0689, 46.9338,
21.4864

■ 65.0504, 61.1415,
42.5561

■ 51.2255, 41.1738,
14.2647

■ 71.2694, 69.6626,
56.7045

■ 48.0861, 36.2564,
9.0214

■ 78.3562, 79.1738,
73.4406

■ 45.5977, 32.1365,
5.5501

■ 86.3447, 89.7068,
92.8862

■ 43.6973, 28.7639,
3.5968

■ 93.2342, 99.0639,
108.8150

■ 42.9558, 27.3871,
3.0222

Harmonies

Analogous

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



65.0767, 53.5744, 42.8375



59.6618, 53.5744, 30.8633



52.2647, 53.5744, 26.2835

Triad

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



59.6618, 53.5744, 30.8633



37.9508, 53.5744, 54.6006



57.1338, 53.5744, 104.1121

Complementary

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



59.6618, 53.5744, 30.8633



50.6173, 58.3112, 99.0295

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.



49.6002, 53.5744, 109.4441



59.6618, 53.5744, 30.8633



38.9828, 53.5744, 77.1771

Square

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



59.6618, 53.5744, 30.8633



40.1084, 53.5744, 37.6805



43.0783, 53.5744, 98.5985



63.5204, 53.5744, 85.4185

Rectangle

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



59.6618, 53.5744, 30.8633



47.3810, 53.5744, 26.9699



43.0783, 53.5744, 98.5985



54.6328, 53.5744, 107.6921

Sweetspot

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



59.6631, 53.5770, 30.8643



82.9052, 84.0692, 79.0825



60.0592, 42.8913, 66.3807



17.3804, 17.5093, 16.0516



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.



59.6631, 53.5770, 30.8643



58.1139, 49.8421, 23.4798



73.0927, 80.4362, 35.3409



17.7473, 18.2305, 18.0459



22.9076, 14.7718, 1.6439



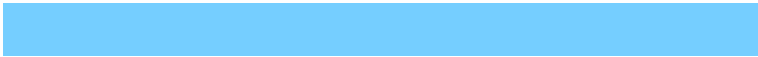
2.2174, 1.5596, 0.1842

Inverse Universe

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



50.6173, 58.3112, 99.0295



47.5580, 55.2857, 102.7724



39.1196, 35.3158, 95.1970



17.2186, 18.5140, 22.0513



16.0993, 17.5542, 50.5133



1.5909, 1.8254, 4.7117

Previews

White Background



This preview shows how the XYZ color 59.6618, 53.5744, 30.8633 looks on a white background.

Color Contrast Check

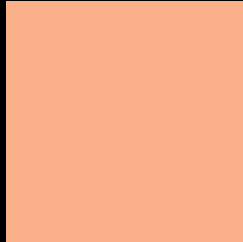
Large Text (above 18pt) WCAG AA × Fail

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 59.6618, 53.5744, 30.8633 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 59.6618, 53.5744, 30.8633

Background



This preview shows how black text looks on a background with the XYZ color 59.6618, 53.5744, 30.8633.



This preview shows how white text looks on a background with the XYZ color 59.6618, 53.5744,

30.8633.

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

59.6618, 53.5744, 30.8633

Protanopia

50.3383, 54.0071, 34.1569

Deuteranopia

54.8871, 53.8560, 30.4241



Tritanopia

64.0877, 53.6573, 52.3265

Trichromacy



Original Color

59.6618, 53.5744, 30.8633

Protanomaly

53.2224, 53.5775, 32.7357

Deuteranomaly

56.6373, 53.8217, 30.6961

Tritanomaly

62.4266, 53.5598, 43.6071

Monochromacy



Original Color

59.6618, 53.5744, 30.8633

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.2576, 53.2797, 47.0122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6618, 53.5744, 30.8633 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(250, 177, 137)` looks like.

```
.text, #text, p{  
    color:rgb(250, 177, 137)  
}
```

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(250, 177, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 177, 137) }
```

Border

The CSS property to change the border of an element to XYZ 59.6618, 53.5744, 30.8633 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(250, 177, 137) }
```


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

```
.border{ border-color:rgb(250, 177, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 177, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 177, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 177, 137);  
box-shadow:4px 4px 4px 4px rgb(250, 177,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6618, 53.5744, 30.8633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 177, 137) }
```

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

```
.background{ background-color: rgb(250,  
177, 137) }
```

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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