

Converting Colors

XYZ(59.1170, 51.6963, 31.7947)

Have a look what the booklet for
XYZ(59.1170, 51.6963, 31.7947)
contains.

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Color

**XYZ(59.2698, 51.9077,
31.7063)**

Conversions

Conversions Part 1

Format	Color
Hex	FBAC8C
RGB	251, 172, 140
RGB Percent	98%, 67%, 55%
CMY	0.0157, 0.3255, 0.4510
CMYK	0.00, 0.31, 0.44, 0.02
HSL	17°, 93%, 77%
HSV	17°, 44%, 98%
XYZ	59.2698, 51.9077, 31.7063
YIQ	191.9730, 57.3560, 6.7960

Conversions

Conversions Part 2

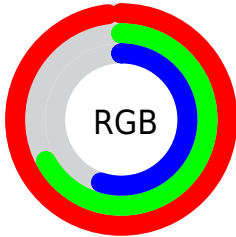
Format	Color
R _Y B	251, 185, 140
Decimal	16493708
CIE Lab	77.23, 25.34, 28.17
CIE LCh	77, 37.888, 48.031
Yxy	51.9077, 0.4148, 0.3633
Android (android.graphics.Color)	4294683788 (0xFFFBAC8C)
YUV	191.9730, -25.6227, 51.7667
Hunter-Lab	72.0470, 20.7616, 24.3407

Details

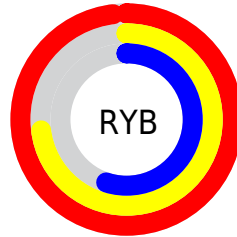
The XYZ color **59.2698, 51.9077, 31.7063** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.5582, 63.2009, 100.6428**, and the grayscale version is **50.2097, 52.8246, 57.5259**.

A 20% lighter version of the original color is **78.7210, 80.6418, 62.4553**, and **30.1805, 25.1383, 12.9344** is the 20% darker color. If you saturate the color by 10%, you get **54.4518, 44.9035, 21.9873**, and if you desaturate by 10%, it is **64.9695, 59.9998, 43.8027**.

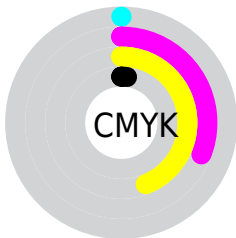
Distribution



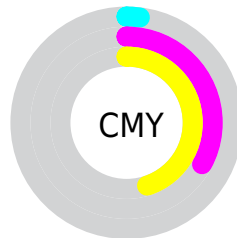
- Red (98%)
- Green (67%)
- Blue (55%)



- Red (98%)
- Yellow (73%)
- Blue (55%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2698, 51.9077, 31.7063 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 59.2698, 51.9077, 31.7063 by changing the saturation by 10% instead.


 59.2698, 51.9077,
31.7063


 59.2698, 51.9077,
31.7063


411.7790,
394.0802, 324.2306


 43.0776, 36.9315,
20.8743


 102.8821, 92.9951,
63.4429

 30.1408, 25.1545,
12.8418


 131.0328,
119.8751, 85.1846

 20.0941, 16.1922,
7.1903


 163.9004,
151.4918, 111.4000

 12.5721, 9.6602,
3.5011

201.8503,
188.2297, 142.5076

 7.2095, 5.1743,
1.3559

245.2477,
230.4730, 178.9259

 3.6410, 2.3499,
0.1069

294.4580,

 1.5011, 0.7999,

278.6063, 221.0734

0.0000

349.8467,
333.0139, 269.3688

■ 0.3266, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2698, 51.9077,
31.7063

■ 59.2698, 51.9077,
31.7063

■ 54.4518, 44.9035,
21.9873

■ 64.9695, 59.9998,
43.8027

■ 50.4644, 38.9316,
14.4834

■ 71.5905, 69.2169,
58.4177

■ 47.2569, 33.9430,
9.0168

■ 79.1744, 79.6035,
75.6854

■ 44.7705, 29.8810,
5.3801

■ 87.7591, 91.1996,
95.7290

■ 42.9361, 26.6819,
3.3207

■ 93.5936, 99.2492,
108.8318

■ 42.1251, 25.1923,
2.6424

Harmonies

Analogous

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



63.8320, 51.9077, 45.0280



59.2698, 51.9077, 31.7063



52.2877, 51.9077, 25.7431

Triad

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



59.2698, 51.9077, 31.7063



36.9052, 51.9077, 48.6290



53.7837, 51.9077, 103.6777

Complementary

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



59.2698, 51.9077, 31.7063



53.5582, 63.2009, 100.6428

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.



46.4989, 51.9077, 105.3259



59.2698, 51.9077, 31.7063



37.2209, 51.9077, 69.8147

Square

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



59.2698, 51.9077, 31.7063



39.6711, 51.9077, 33.7832



40.5805, 51.9077, 91.7470



60.4571, 51.9077, 87.6800

Rectangle

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



59.2698, 51.9077, 31.7063



47.4125, 51.9077, 25.4618



40.5805, 51.9077, 91.7470



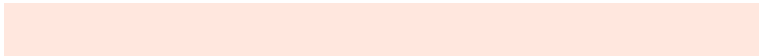
51.3123, 51.9077, 106.0496

Sweetspot

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



59.2711, 51.9102, 31.7073



83.0951, 83.9066, 80.8179



62.0207, 44.4093, 72.7013



17.3893, 17.4204, 16.3835



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.



59.2711, 51.9102, 31.7073



56.9881, 47.3464, 23.8568



71.9728, 77.3136, 35.9412



17.6522, 18.0403, 18.0142



22.2502, 13.4571, 1.4248



2.1474, 1.4197, 0.1608

Inverse Universe

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



53.5582, 63.2009, 100.6428



50.3388, 60.3300, 103.5995



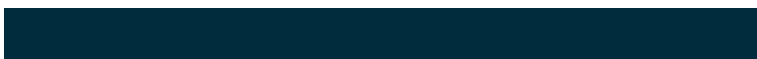
41.5127, 39.1099, 96.6276



17.3183, 18.7134, 22.0846



17.7181, 20.7918, 51.0529



1.7318, 2.1074, 4.7587

Previews

White Background



This preview shows how the XYZ color 59.2698, 51.9077, 31.7063 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 59.2698, 51.9077, 31.7063 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 59.2698, 51.9077, 31.7063

Background



This preview shows how black text looks on a background with the XYZ color 59.2698, 51.9077, 31.7063.



This preview shows how white text looks on a background with the XYZ color 59.2698, 51.9077,

31.7063.

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

59.2698, 51.9077, 31.7063

Protanopia

48.8779, 52.2371, 35.5236

Deuteranopia

53.1995, 52.0328, 31.2842



Tritanopia

62.8285, 51.9629, 49.3663

Trichromacy



Original Color

59.2698, 51.9077, 31.7063

Protanomaly

52.0701, 51.6975, 34.0223

Deuteranomaly

55.3724, 51.9371, 31.5325

Tritanomaly

61.4875, 51.9752, 42.3888

Monochromacy



Original Color

59.2698, 51.9077, 31.7063

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.3324, 51.8612, 46.7872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2698, 51.9077, 31.7063 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, 172, 140)` looks like.

```
.text, #text, p{  
    color:rgb(251, 172, 140)  
}
```

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, 172, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 172, 140) }
```

Border

The CSS property to change the border of an element to XYZ 59.2698, 51.9077, 31.7063 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, 172, 140) }
```


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

```
.border{ border-color:rgb(251, 172, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 172, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 172, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 172, 140);  
box-shadow:4px 4px 4px 4px rgb(251, 172,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2698, 51.9077, 31.7063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 172, 140) }
```

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

```
.background{ background-color: rgb(251,  
172, 140) }
```

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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