

Converting Colors

XYZ(58.6163, 52.9117, 36.4017)

Have a look what the booklet for
XYZ(58.6163, 52.9117, 36.4017)
contains.

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Color

**XYZ(58.6163, 52.9117,
36.4017)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B197
RGB	244, 177, 151
RGB Percent	96%, 69%, 59%
CMY	0.0431, 0.3059, 0.4078
CMYK	0.00, 0.27, 0.38, 0.04
HSL	17°, 81%, 77%
HSV	17°, 38%, 96%
XYZ	58.6163, 52.9117, 36.4017
YIQ	194.0690, 48.2780, 6.1180

Conversions

Conversions Part 2

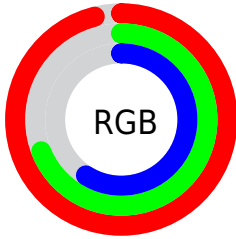
Format	Color
RYB	244, 187, 151
Decimal	16036247
CIELab	77.82, 21.19, 22.95
CIELCh	78, 31.237, 47.294
Yxy	52.9117, 0.3962, 0.3577
Android (android.graphics.Color)	4294226327 (0xFFFF4B197)
YUV	194.0690, -21.2330, 43.7895
Hunter-Lab	72.7404, 16.5446, 21.2476

Details

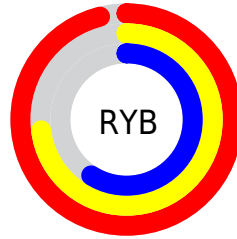
The XYZ color **58.6163, 52.9117, 36.4017** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.1621, 63.2515, 94.9422**, and the grayscale version is **51.4219, 54.0998, 58.9147**.

A 20% lighter version of the original color is **81.3984, 83.9456, 69.6706**, and **29.7576, 25.7745, 15.4632** is the 20% darker color. If you saturate the color by 10%, you get **53.5851, 45.6991, 25.9393**, and if you desaturate by 10%, it is **64.5075, 61.1878, 49.1750**.

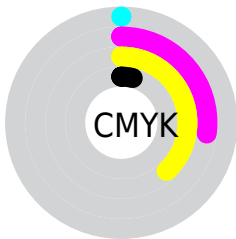
Distribution



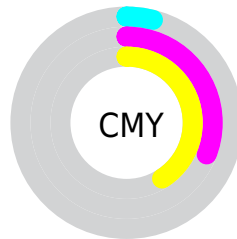
- Red (96%)
- Green (69%)
- Blue (59%)



- Red (96%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (4%)





- Cyan (4%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6163, 52.9117, 36.4017 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 58.6163, 52.9117, 36.4017 by changing the saturation by 10% instead.


 58.6163, 52.9117,
36.4017

 58.6163, 52.9117,
36.4017


409.3954,
397.9463, 345.8033

 42.5495, 37.7323,
24.4524

 101.9376, 94.4744,
70.8276

 29.7248, 25.7750,
15.4543


 129.9228,
121.6265, 94.1414

 19.7768, 16.6554,
8.9887

162.6116,
153.5383, 122.0804

 12.3402, 9.9891,
4.6371

200.3692,
190.5942, 155.0633

 7.0497, 5.3917,
1.9810

243.5610,
233.1785, 193.5084

 3.5398, 2.4789,
0.5435

292.5524,

 1.4452, 0.8660,

281.6757, 237.8344

0.0000

347.7088,
336.4701, 288.4599

■ 0.2881, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6163, 52.9117,
36.4017

■ 58.6163, 52.9117,
36.4017

■ 53.5851, 45.6991,
25.9393

■ 64.5075, 61.1878,
49.1750

■ 49.3675, 39.4984,
17.6448

■ 71.2940, 70.5612,
64.3841

■ 45.9184, 34.2646,
11.3640

■ 79.0140, 81.0736,
82.1486

■ 43.1864, 29.9463,
6.9208

■ 87.7022, 92.7621,
102.5795

■ 41.1125, 26.4866,
4.1080

■ 91.1183, 97.9731,
108.7160

■ 39.6214, 23.8191,
2.6414

■ 39.3892, 23.3950,
2.4397

Harmonies

Analogous

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



62.2587, 52.9117, 48.2488



58.6163, 52.9117, 36.4017



52.8980, 52.9117, 30.8017

Triad

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



58.6163, 52.9117, 36.4017



39.7577, 52.9117, 50.5784



53.8355, 52.9117, 95.7151

Complementary

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



58.6163, 52.9117, 36.4017



54.1621, 63.2515, 94.9422

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.



47.7711, 52.9117, 96.6884



58.6163, 52.9117, 36.4017



39.9645, 52.9117, 68.1140

Square

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



58.6163, 52.9117, 36.4017



42.2042, 52.9117, 37.8107



42.7938, 52.9117, 85.7825



59.3500, 52.9117, 83.3425

Rectangle

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



58.6163, 52.9117, 36.4017



48.8259, 52.9117, 30.4427



42.7938, 52.9117, 85.7825



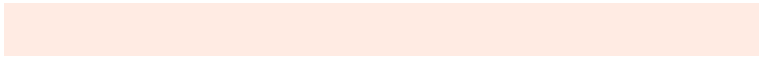
51.7851, 52.9117, 97.4633

Sweetspot

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



58.6177, 52.9142, 36.4028



84.7475, 86.1018, 84.7895



61.1877, 46.4918, 72.9052



17.8869, 18.0861, 17.5655



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.



58.6177, 52.9142, 36.4028



60.2744, 52.0236, 30.7958



69.0955, 73.8698, 39.8953



16.8763, 17.2368, 17.2351



21.5165, 12.9185, 1.3595



1.9742, 1.3017, 0.1472

Inverse Universe

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



54.1621, 63.2515, 94.9422



54.6561, 64.9466, 104.2630



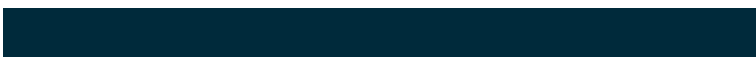
43.9782, 42.8838, 91.5475



16.5822, 17.9286, 21.1292



17.4175, 20.6288, 49.6018



1.6172, 1.9859, 4.3883

Previews

White Background



This preview shows how the XYZ color 58.6163, 52.9117, 36.4017 looks on a white background.

Color Contrast Check

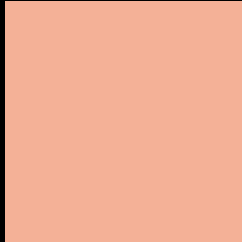
Large Text (above 18pt) WCAG AA × Fail

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 58.6163, 52.9117, 36.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

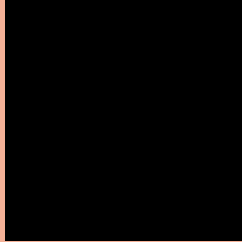
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6163, 52.9117, 36.4017

Background



This preview shows how black text looks on a background with the XYZ color 58.6163, 52.9117, 36.4017.



This preview shows how white text looks on a background with the XYZ color 58.6163, 52.9117,

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

58.6163, 52.9117, 36.4017

Protanopia

49.9230, 53.0053, 39.9476

Deuteranopia

54.1378, 53.0366, 35.8175



Tritanopia

61.8673, 52.7820, 52.8261

Trichromacy



Original Color

58.6163, 52.9117, 36.4017

Protanomaly

52.9001, 52.9673, 38.4459

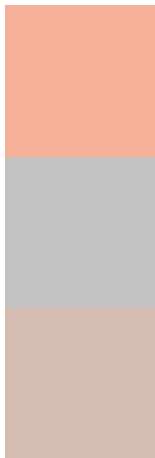
Deuteranomaly

55.8372, 52.9815, 36.1377

Tritanomaly

60.6849, 52.8821, 46.5440

Monochromacy



Original Color

58.6163, 52.9117, 36.4017

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.1705, 53.1778, 49.5814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6163, 52.9117, 36.4017 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(244, 177, 151)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 151)  
}
```

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(244, 177, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 151) }
```

Border

The CSS property to change the border of an element to XYZ 58.6163, 52.9117, 36.4017 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(244, 177, 151) }
```


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

```
.border{ border-color:rgb(244, 177, 151) }
```

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

Here you see how a box with a 4 pixel rgb(244, 177, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 151);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6163, 52.9117, 36.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 151) }
```

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

```
.background{ background-color: rgb(244,  
177, 151) }
```

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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