

Converting Colors

XYZ(60.5157, 53.9413, 34.0747)

Have a look what the booklet for
XYZ(60.5157, 53.9413, 34.0747)
contains.

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Color

**XYZ(60.6166, 53.9978,
34.0158)**

Conversions

Conversions Part 1

Format	Color
Hex	FBB191
RGB	251, 177, 145
RGB Percent	98%, 69%, 57%
CMY	0.0157, 0.3059, 0.4314
CMYK	0.00, 0.29, 0.42, 0.02
HSL	18°, 93%, 78%
HSV	18°, 42%, 98%
XYZ	60.6166, 53.9978, 34.0158
YIQ	195.4780, 54.3760, 5.7360

Conversions

Conversions Part 2

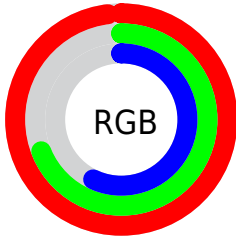
Format	Color
R _Y B	251, 191, 145
Decimal	16494993
CIE Lab	78.46, 23.23, 27.16
CIE LCh	78, 35.733, 49.461
Yxy	53.9978, 0.4078, 0.3633
Android (android.graphics.Color)	4294685073 (0xFFFBB191)
YUV	195.4780, -24.8857, 48.6928
Hunter-Lab	73.4832, 18.6498, 23.9925

Details

The XYZ color **60.6166, 53.9978, 34.0158** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.4200, 63.6452, 100.6831**, and the grayscale version is **52.2794, 55.0020, 59.8972**.

A 20% lighter version of the original color is **80.6877, 83.6613, 65.9284**, and **30.9663, 26.4299, 14.0591** is the 20% darker color. If you saturate the color by 10%, you get **55.6495, 46.8263, 23.8433**, and if you desaturate by 10%, it is **66.4584, 62.2343, 46.5902**.

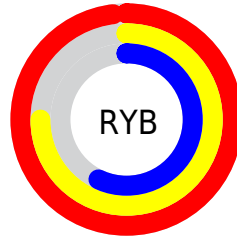
Distribution



Red (98%)

Green (69%)

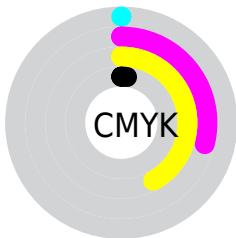
Blue (57%)



Red (98%)

Yellow (75%)

Blue (57%)

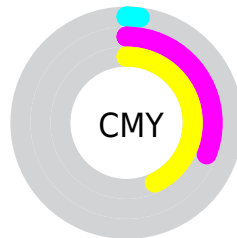


Cyan (0%)

Magenta (29%)

Yellow (42%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6166, 53.9978, 34.0158 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 60.6166, 53.9978, 34.0158 by changing the saturation by 10% instead.

 60.6166, 53.9978,
34.0158


 60.6166, 53.9978,
34.0158


416.6652,
402.1016, 334.9738

 44.1672, 38.5999,
22.6283


 104.8249, 96.0710,
67.0924

 31.0004, 26.4486,
14.1166

 133.3144,
123.5151, 89.6186

 20.7510, 17.1596,
8.0621


166.5481,
155.7434, 116.6947

 13.0535, 10.3483,
4.0464

204.8912,
193.1403, 148.7394

 7.5427, 5.6305,
1.6508

248.7091,
236.0902, 186.1711

 3.8531, 2.6217,
0.3267

298.3672,

 1.6193, 0.9376,

284.9774, 229.4083

0.0000

354.2308,
340.1864, 278.8697

■ 0.4050, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6166, 53.9978,
34.0158

■ 60.6166, 53.9978,
34.0158

■ 55.6495, 46.8263,
23.8433

■ 66.4584, 62.2343,
46.5902

■ 51.5078, 40.6671,
15.9140

■ 73.2125, 71.5700,
61.7049

■ 48.1429, 35.4741,
10.0548

■ 80.9192, 82.0473,
79.4914

■ 45.4991, 31.1946,
6.0657

■ 89.6152, 93.7040,
100.0713

■ 43.5112, 27.7694,
3.7055

■ 93.5936, 99.2492,
108.8318

■ 42.3534, 25.6487,
2.7184

Harmonies

Analogous

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



65.1473, 53.9978, 46.8209



60.6166, 53.9978, 34.0158



53.8348, 53.9978, 28.3647

Triad

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



60.6166, 53.9978, 34.0158



39.1519, 53.9978, 51.9962



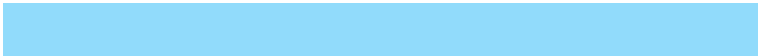
55.9581, 53.9978, 103.3515

Complementary

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



60.6166, 53.9978, 34.0158



54.4200, 63.6452, 100.6831

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.



48.8912, 53.9978, 105.6374



60.6166, 53.9978, 34.0158



39.6078, 53.9978, 72.6528

Square

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



60.6166, 53.9978, 34.0158



41.7239, 53.9978, 37.0576



43.0320, 53.9978, 93.3805



62.2925, 53.9978, 87.7052

Rectangle

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



60.6166, 53.9978, 34.0158



49.1341, 53.9978, 28.2870



43.0320, 53.9978, 93.3805



53.5766, 53.9978, 105.8245

Sweetspot

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



60.6180, 54.0004, 34.0169



83.2217, 84.1599, 80.8601



62.7218, 45.8855, 72.7072



17.4203, 17.4824, 16.3938



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.



60.6180, 54.0004, 34.0169



58.2528, 49.3681, 25.8440



73.1358, 79.0360, 38.1895



17.6719, 18.0796, 18.0207



22.3739, 13.7044, 1.4660



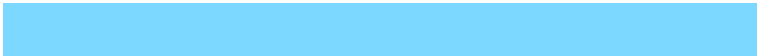
2.1610, 1.4468, 0.1654

Inverse Universe

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



54.4200, 63.6452, 100.6831



50.9876, 60.5512, 103.6080



42.7627, 40.3305, 96.7974



17.2976, 18.6719, 22.0777



17.3667, 20.0889, 50.9358



1.7015, 2.0466, 4.7485

Previews

White Background



This preview shows how the XYZ color 60.6166, 53.9978, 34.0158 looks on a white background.

Color Contrast Check

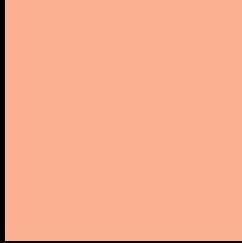
Large Text (above 18pt) WCAG AA × Fail

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 60.6166, 53.9978, 34.0158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

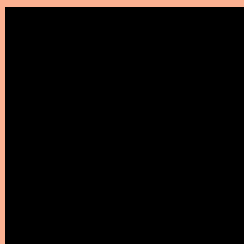
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6166, 53.9978, 34.0158

Background



This preview shows how black text looks on a background with the XYZ color 60.6166, 53.9978, 34.0158.



This preview shows how white text looks on a background with the XYZ color 60.6166, 53.9978,

34.0158.

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

60.6166, 53.9978, 34.0158

Protanopia

50.7737, 54.1489, 37.9127

Deuteranopia

55.1500, 53.9240, 33.4883



Tritanopia

64.7495, 54.2678, 52.9610

Trichromacy



Original Color

60.6166, 53.9978, 34.0158

Protanomaly

53.9197, 53.8564, 36.4076

Deuteranomaly

57.2274, 54.0577, 33.8035

Tritanomaly

63.2648, 54.2452, 45.1662

Monochromacy



Original Color

60.6166, 53.9978, 34.0158

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.9434, 53.5878, 49.0953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6166, 53.9978, 34.0158 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, 177, 145)` looks like.

```
.text, #text, p{  
    color:rgb(251, 177, 145)  
}
```

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, 177, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 177, 145) }
```

Border

The CSS property to change the border of an element to XYZ 60.6166, 53.9978, 34.0158 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, 177, 145) }
```


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

```
.border{ border-color:rgb(251, 177, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 177, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 177, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 177, 145);  
box-shadow:4px 4px 4px 4px rgb(251, 177,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6166, 53.9978, 34.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 177, 145) }
```

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

```
.background{ background-color: rgb(251,  
177, 145) }
```

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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