

Converting Colors

XYZ(57.3780, 52.7298, 34.3629)

Have a look what the booklet for
XYZ(57.3780, 52.7298, 34.3629)
contains.

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Color

**XYZ(57.3843, 52.6169,
34.3257)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B292
RGB	241, 178, 146
RGB Percent	95%, 70%, 57%
CMY	0.0549, 0.3019, 0.4274
CMYK	0.00, 0.26, 0.39, 0.05
HSL	20°, 77%, 76%
HSV	20°, 39%, 95%
XYZ	57.3843, 52.6169, 34.3257
YIQ	193.1890, 47.8200, 3.4040

Conversions

Conversions Part 2

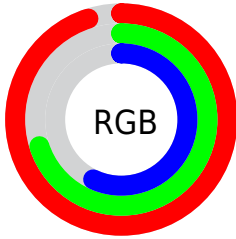
Format	Color
R _Y B	241, 194, 146
Decimal	15839890
CIE Lab	77.65, 18.94, 25.34
CIE LCh	78, 31.637, 53.235
Yxy	52.6169, 0.3976, 0.3646
Android (android.graphics.Color)	4294029970 (0xFFFF1B292)
YUV	193.1890, -23.2642, 41.9302
Hunter-Lab	72.5375, 14.2704, 22.7194

Details

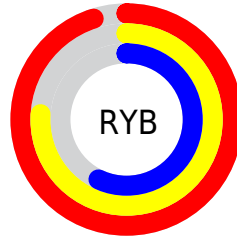
The XYZ color **57.3843, 52.6169, 34.3257** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5307, 58.0604, 91.7625**, and the grayscale version is **50.9138, 53.5652, 58.3326**.

A 20% lighter version of the original color is **81.0881, 84.2758, 66.6366**, and **28.9276, 25.5607, 14.2355** is the 20% darker color. If you saturate the color by 10%, you get **52.7072, 45.9531, 24.4722**, and if you desaturate by 10%, it is **62.8298, 60.1847, 46.3859**.

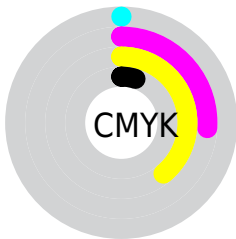
Distribution



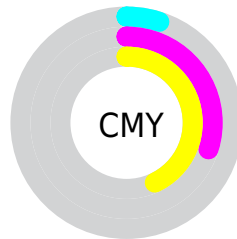
- Red (95%)
- Green (70%)
- Blue (57%)



- Red (95%)
- Yellow (76%)
- Blue (57%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3843, 52.6169, 34.3257 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 57.3843, 52.6169, 34.3257 by changing the saturation by 10% instead.


 57.3843, 52.6169,
34.3257


 57.3843, 52.6169,
34.3257


404.8787,
396.8136, 336.3953

 41.5552, 37.4970,
22.8645

 100.1538, 94.0404,
67.5795

 28.9427, 25.5926,
14.2892


 127.8250,
121.1128, 90.2092

 19.1816, 16.5191,
8.1810


160.1742,
152.9382, 117.3989

 11.9063, 9.8922,
4.1216

197.5669,
189.9010, 149.5671

 6.7517, 5.3275,
1.6923

240.3683,
232.3855, 187.1322

 3.3522, 2.4407,
0.3554

288.9438,

 1.3427, 0.8467,

280.7762, 230.5130

0.0000

343.6588,
335.4574, 280.1278

■ 0.2148, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3843, 52.6169,
34.3257

■ 57.3843, 52.6169,
34.3257

■ 52.7072, 45.9531,
24.4722

■ 62.8298, 60.1847,
46.3859

■ 48.7566, 40.1505,
16.6863

■ 69.0744, 68.6821,
60.7740

■ 45.4927, 35.1735,
10.8174

■ 76.1523, 78.1432,
77.6061

■ 42.8695, 30.9811,
6.6932

■ 84.0940, 88.5978,
96.9897

■ 40.8338, 27.5277,
4.1095

■ 90.0856, 97.4407,
108.6677

■ 39.3097, 24.7568,
2.7469

■ 39.2323, 24.6143,
2.6833

Harmonies

Analogous

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



61.6129, 52.6169, 45.0059



57.3843, 52.6169, 34.3257



51.4088, 52.6169, 29.9336

Triad

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



57.3843, 52.6169, 34.3257



39.2190, 52.6169, 53.4145



54.7946, 52.6169, 94.1424

Complementary

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



57.3843, 52.6169, 34.3257



50.5307, 58.0604, 91.7625

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.



48.6383, 52.6169, 97.6623



57.3843, 52.6169, 34.3257



39.9650, 52.6169, 71.6297

Square

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



57.3843, 52.6169, 34.3257



41.1698, 52.6169, 39.4056



43.2976, 52.6169, 88.7254



60.0347, 52.6169, 79.9041

Rectangle

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



57.3843, 52.6169, 34.3257



47.3667, 52.6169, 30.3638



43.2976, 52.6169, 88.7254



52.7515, 52.6169, 96.7235

Sweetspot

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



57.3856, 52.6194, 34.3267



84.3740, 85.9138, 82.9418



58.1047, 43.8790, 65.9455



17.8292, 18.0821, 17.2026



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.



57.3856, 52.6194, 34.3267



61.0566, 53.8791, 30.1588



68.4343, 74.7167, 38.0096



16.2080, 16.6291, 16.5052



21.3862, 13.5705, 1.4922



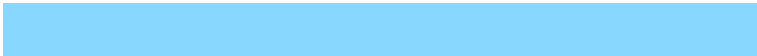
1.8677, 1.3060, 0.1536

Inverse Universe

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



50.5307, 58.0604, 91.7625



52.2703, 60.7923, 103.5869



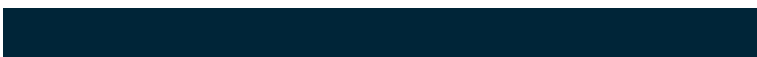
40.6227, 38.2444, 88.4598



15.7728, 16.9797, 20.1677



15.5381, 17.3005, 47.6483



1.3841, 1.6221, 3.9944

Previews

White Background



This preview shows how the XYZ color 57.3843, 52.6169, 34.3257 looks on a white background.

Color Contrast Check

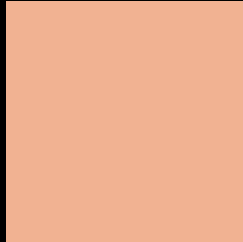
Large Text (above 18pt) WCAG AA × Fail

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 57.3843, 52.6169, 34.3257 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 57.3843, 52.6169, 34.3257

Background



This preview shows how black text looks on a background with the XYZ color 57.3843, 52.6169, 34.3257.



This preview shows how white text looks on a background with the XYZ color 57.3843, 52.6169,

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

57.3843, 52.6169, 34.3257

Protanopia

49.4190, 52.8036, 37.2932

Deuteranopia

53.6154, 52.4941, 34.0946



Tritanopia

61.2716, 52.4627, 53.3513

Trichromacy



Original Color

57.3843, 52.6169, 34.3257

Protanomaly

51.8906, 52.4944, 36.2517

Deuteranomaly

54.7938, 52.4892, 34.0315

Tritanomaly

59.7950, 52.4455, 45.4995

Monochromacy



Original Color

57.3843, 52.6169, 34.3257

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.3980, 52.8027, 48.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3843, 52.6169, 34.3257 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(241, 178, 146)` looks like.

```
.text, #text, p{  
    color:rgb(241, 178, 146)  
}
```

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(241, 178, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 178, 146) }
```

Border

The CSS property to change the border of an element to XYZ 57.3843, 52.6169, 34.3257 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(241, 178, 146) }
```


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

```
.border{ border-color:rgb(241, 178, 146) }
```

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

Here you see how a box with a 4 pixel rgb(241, 178, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 178, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 178, 146);  
box-shadow:4px 4px 4px 4px rgb(241, 178,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3843, 52.6169, 34.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 178, 146) }
```

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

```
.background{ background-color: rgb(241,  
178, 146) }
```

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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