

Converting Colors

XYZ(57.3299, 50.5826, 33.5299)

Have a look what the booklet for
XYZ(57.3299, 50.5826, 33.5299)
contains.

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Color

**XYZ(57.3299, 50.5826,
33.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	F5AB91
RGB	245, 171, 145
RGB Percent	96%, 67%, 57%
CMY	0.0392, 0.3294, 0.4314
CMYK	0.00, 0.30, 0.41, 0.04
HSL	16°, 83%, 76%
HSV	16°, 41%, 96%
XYZ	57.3299, 50.5826, 33.5299
YIQ	190.1620, 52.4500, 7.6020

Conversions

Conversions Part 2

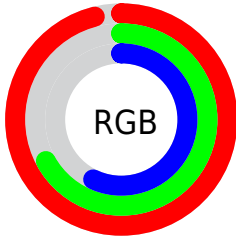
Format	Color
R _Y B	245, 180, 145
Decimal	16100241
CIE Lab	76.43, 24.07, 24.30
CIE LCh	76, 34.203, 45.264
Yxy	50.5826, 0.4053, 0.3576
Android (android.graphics.Color)	4294290321 (0xFFFF5AB91)
YUV	190.1620, -22.2649, 48.0929
Hunter-Lab	71.1214, 19.4236, 21.8330

Details

The XYZ color **57.3299, 50.5826, 33.5299** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.4889, 63.2728, 95.7798**, and the grayscale version is **49.1411, 51.7003, 56.3016**.

A 20% lighter version of the original color is **79.0179, 80.3217, 65.3718**, and **28.7485, 24.2041, 13.7463** is the 20% darker color. If you saturate the color by 10%, you get **52.4480, 43.5232, 23.5658**, and if you desaturate by 10%, it is **63.0914, 58.7492, 45.7979**.

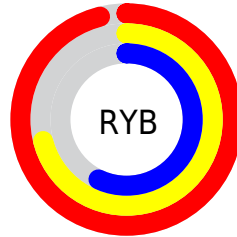
Distribution



Red (96%)

Green (67%)

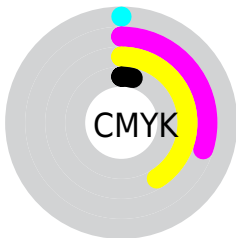
Blue (57%)



Red (96%)

Yellow (71%)

Blue (57%)

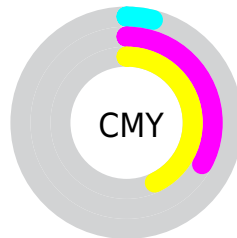


Cyan (0%)

Magenta (30%)

Yellow (41%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3299, 50.5826, 33.5299 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 57.3299, 50.5826, 33.5299 by changing the saturation by 10% instead.


 57.3299, 50.5826,
33.5299


 57.3299, 50.5826,
33.5299


404.6786,
388.9399, 332.7357

 41.5113, 35.8765,
22.2583

 100.0750, 91.0375,
66.3275

 28.9083, 24.3389,
13.8467


 127.7322,
117.5551, 88.6905

 19.1554, 15.5852,
7.8766


160.0664,
148.7787, 115.5877

 11.8873, 9.2311,
3.9294

197.4428,
185.0926, 147.4376

 6.7386, 4.8922,
1.5867

240.2269,
226.8813, 184.6589

 3.3440, 2.1842,
0.2813

288.7840,

 1.3382, 0.7113,

274.5292, 227.6700

0.0000

343.4794,
328.4206, 276.8894

■ 0.2115, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3299, 50.5826,
33.5299

■ 57.3299, 50.5826,
33.5299

■ 52.4480, 43.5232,
23.5658

■ 63.0914, 58.7492,
45.7979

■ 48.3965, 37.5150,
15.7571

■ 69.7707, 68.0611,
60.4996

■ 45.1268, 32.5081,
9.9422

■ 77.4082, 78.5636,
77.7587

■ 42.5831, 28.4453,
5.9356

■ 86.0408, 90.2971,
97.6894

■ 40.7011, 25.2629,
3.5157

■ 91.4661, 98.1524,
108.7323

■ 39.4734, 23.0469,
2.3680

Harmonies

Analogous

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



61.0398, 50.5826, 46.2570



57.3299, 50.5826, 33.5299



51.2962, 50.5826, 27.4056

Triad

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



57.3299, 50.5826, 33.5299



37.0686, 50.5826, 46.5389



51.4115, 50.5826, 96.8608

Complementary

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



57.3299, 50.5826, 33.5299



53.4889, 63.2728, 95.7798

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.



44.9959, 50.5826, 96.9842



57.3299, 50.5826, 33.5299



37.0935, 50.5826, 64.9498

Square

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



57.3299, 50.5826, 33.5299



39.8066, 50.5826, 33.6964



39.8779, 50.5826, 84.3035



57.4208, 50.5826, 83.9967

Rectangle

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



57.3299, 50.5826, 33.5299



46.9501, 50.5826, 26.7721



39.8779, 50.5826, 84.3035



49.2223, 50.5826, 98.4745

Sweetspot

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



57.3312, 50.5851, 33.5309



83.7063, 84.5783, 82.7192



60.7000, 44.8310, 73.1643



17.6728, 17.7693, 17.1505



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.



57.3312, 50.5851, 33.5309



58.2889, 48.9057, 27.5043



68.3603, 72.6433, 37.2073



16.8495, 17.1831, 17.2262



21.3599, 12.6054, 1.3073



1.9574, 1.2680, 0.1416

Inverse Universe

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



53.4889, 63.2728, 95.7798



53.5196, 64.4817, 104.2332



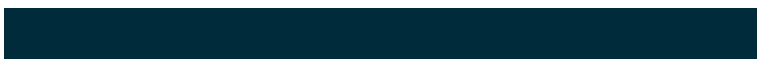
42.5337, 41.3623, 92.1280



16.6107, 17.9857, 21.1387



17.9303, 21.6543, 49.7727



1.6588, 2.0690, 4.4022

Previews

White Background



This preview shows how the XYZ color 57.3299, 50.5826, 33.5299 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 57.3299, 50.5826, 33.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

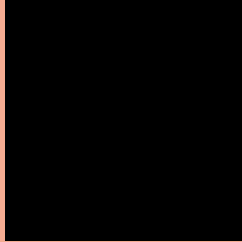
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3299, 50.5826, 33.5299

Background



This preview shows how black text looks on a background with the XYZ color 57.3299, 50.5826, 33.5299.



This preview shows how white text looks on a background with the XYZ color 57.3299, 50.5826,

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

57.3299, 50.5826, 33.5299

Protanopia

47.7668, 50.9745, 37.4585

Deuteranopia

51.6060, 50.5605, 33.0258



Tritanopia

60.4843, 50.4836, 49.2043

Trichromacy



Original Color

57.3299, 50.5826, 33.5299

Protanomaly

50.5519, 50.2568, 35.8903

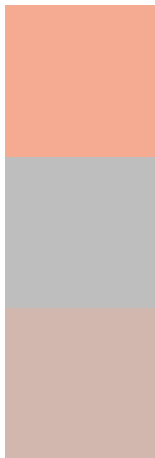
Deuteranomaly

53.3893, 50.2809, 33.2768

Tritanomaly

59.3355, 50.5694, 43.1928

Monochromacy



Original Color

57.3299, 50.5826, 33.5299

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

51.1518, 50.6246, 47.1199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3299, 50.5826, 33.5299 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(245, 171, 145)` looks like.

```
.text, #text, p{  
    color:rgb(245, 171, 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(245, 171, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 171, 145) }
```

Border

The CSS property to change the border of an element to XYZ 57.3299, 50.5826, 33.5299 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(245, 171, 145) }
```


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

```
.border{ border-color:rgb(245, 171, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 171, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 171, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 171, 145);  
box-shadow:4px 4px 4px 4px rgb(245, 171,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3299, 50.5826, 33.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 171, 145) }
```

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

```
.background{ background-color: rgb(245,  
171, 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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