

Converting Colors

XYZ(54.6990, 33.4733, 51.7490)

Have a look what the booklet for
XYZ(54.6990, 33.4733, 51.7490)
contains.

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Color

**XYZ(54.7000, 33.4835,
51.7241)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61BD
RGB	255, 97, 189
RGB Percent	100%, 38%, 74%
CMY	0.0000, 0.6196, 0.2588
CMYK	0.00, 0.62, 0.26, 0.00
HSL	325°, 100%, 69%
HSV	325°, 62%, 100%
XYZ	54.7000, 33.4835, 51.7241
YIQ	154.7300, 64.6360, 62.1080

Conversions

Conversions Part 2

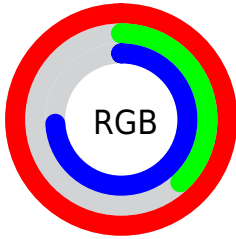
Format	Color
R_{YB}	255, 97, 189
Decimal	16736701
CIE _{Lab}	64.55, 68.70, -17.17
CIE _{LCh}	65, 70.811, 345.964
Yxy	33.4835, 0.3910, 0.2393
Android (android.graphics.Color)	4294926781 (0xFFFF61BD)
YUV	154.7300, 16.8951, 87.9368
Hunter-Lab	57.8649, 67.4733, -12.4925

Details

The XYZ color **54.7000, 33.4835, 51.7241** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.3023, 76.7065, 46.9668**, and the grayscale version is **30.9457, 32.5572, 35.4548**.

A 20% lighter version of the original color is **69.4428, 51.2953, 92.6271**, and **27.1563, 14.1755, 24.5974** is the 20% darker color. If you saturate the color by 10%, you get **51.5966, 29.0598, 45.1927**, and if you desaturate by 10%, it is **58.6470, 39.4582, 58.9564**.

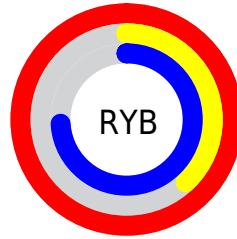
Distribution



Red (100%)

Green (38%)

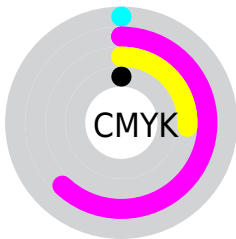
Blue (74%)



Red (100%)

Yellow (38%)

Blue (74%)

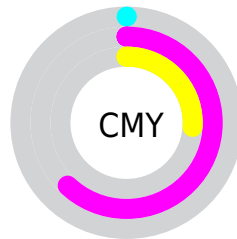


Cyan (0%)

Magenta (62%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7000, 33.4835, 51.7241 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 54.7000, 33.4835, 51.7241 by changing the saturation by 10% instead.


 54.7000, 33.4835,
51.7241

 54.7000, 33.4835,
51.7241

394.9287,
317.8228, 410.2972


 39.3945, 22.4971,
36.4045

 96.2522, 65.1297,
94.1467


 27.2488, 14.2226,
24.4546


 123.2295, 86.5582,
122.0867

 17.8978, 8.2757,
15.4559


 154.8282,
112.2362, 155.0706

 10.9758, 4.2718,
8.9898

 191.4135,
142.5482, 193.5169

 6.1178, 1.8268,
4.6378

233.3509,
177.8784, 237.8442

 2.9582, 0.5038,
1.9814

281.0056,

 1.1317, 0.0000,

218.6113, 288.4709

0.5438

334.7431,
265.1313, 345.8158

■ 0.0514, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7000, 33.4835,
51.7241

■ 54.7000, 33.4835,
51.7241

■ 51.5966, 29.0598,
45.1927

■ 58.6470, 39.4582,
58.9564

■ 49.2569, 26.0305,
39.3257

■ 63.5022, 47.1109,
66.9188

■ 47.5887, 24.2143,
34.0834

■ 69.3268, 56.5608,
75.6405

■ 46.6231, 23.4132,
30.2769

■ 76.1756, 67.9149,
85.1479

84.0990, 81.2717,
95.4658

93.1443, 96.7230,
106.6176

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



47.9764, 33.4835, 90.5830



54.7000, 33.4835, 51.7241



54.4570, 33.4835, 23.1703

Triad

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



54.7000, 33.4835, 51.7241



26.7643, 33.4835, 4.8303



20.1181, 33.4835, 93.0396

Complementary

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



54.7000, 33.4835, 51.7241



47.3023, 76.7065, 46.9668

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.



16.5349, 33.4835, 54.0472



54.7000, 33.4835, 51.7241



19.7786, 33.4835, 9.8096

Square

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



54.7000, 33.4835, 51.7241



36.7850, 33.4835, 4.7051



16.4256, 33.4835, 24.5365



27.3323, 33.4835, 121.7332

Rectangle

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



54.7000, 33.4835, 51.7241



50.3302, 33.4835, 12.5352



16.4256, 33.4835, 24.5365



18.5232, 33.4835, 79.9941

Sweetspot

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



54.7009, 33.4851, 51.7247



78.4048, 71.6522, 88.1138



37.3967, 23.5405, 97.1805



16.3200, 14.5622, 18.2457



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.



54.7009, 33.4851, 51.7247



51.0593, 28.3330, 43.9415



48.3395, 30.9406, 18.2261



18.4530, 18.1645, 21.0024



24.4377, 12.2644, 16.2215



2.4339, 1.2159, 1.8665

Inverse Universe

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



54.7009, 33.4851, 51.7247



51.0593, 28.3330, 43.9415



56.6928, 80.4627, 96.4166



18.4530, 18.1645, 21.0024



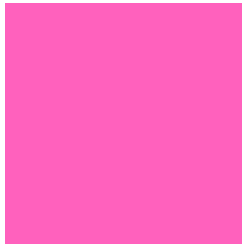
24.4377, 12.2644, 16.2215



2.4339, 1.2159, 1.8665

Previews

White Background



This preview shows how the XYZ color 54.7000, 33.4835, 51.7241 looks on a white background.

Color Contrast Check

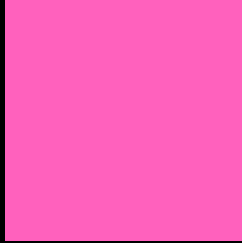
Large Text (above 18pt) WCAG AA × Fail

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 54.7000, 33.4835, 51.7241 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 54.7000, 33.4835, 51.7241

Background



This preview shows how black text looks on a background with the XYZ color 54.7000, 33.4835, 51.7241.



This preview shows how white text looks on a background with the XYZ color 54.7000, 33.4835,

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

54.7000, 33.4835, 51.7241

Protanopia

35.3542, 33.7299, 79.5101

Deuteranopia

34.3274, 33.6548, 47.8668



Tritanopia

48.4232, 33.3305, 21.9704

Trichromacy



Original Color

54.7000, 33.4835, 51.7241



Protanomaly

38.7847, 31.0285, 68.2349



Deuteranomaly

39.4404, 31.7961, 48.8583



Tritanomaly

50.2297, 33.0999, 30.9357

Monochromacy



Original Color

54.7000, 33.4835, 51.7241



Achromatopsia

31.1553, 32.7778, 35.6950



Achromatomaly

36.9860, 30.9166, 40.5773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7000, 33.4835, 51.7241 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(255, 97, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 189)  
}
```

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(255, 97, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.7000, 33.4835, 51.7241 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(255, 97, 189) }
```


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

```
.border{ border-color:rgb(255, 97, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7000, 33.4835, 51.7241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 189) }
```

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

```
.background{ background-color: rgb(255, 97,  
189) }
```

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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