

Converting Colors

XYZ(54.2204, 33.2778, 49.2415)

Have a look what the booklet for
XYZ(54.2204, 33.2778, 49.2415)
contains.

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Color

**XYZ(54.2717, 33.3122,
49.4684)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61B9
RGB	255, 97, 185
RGB Percent	100%, 38%, 73%
CMY	0.0000, 0.6196, 0.2745
CMYK	0.00, 0.62, 0.27, 0.00
HSL	327°, 100%, 69%
HSV	327°, 62%, 100%
XYZ	54.2717, 33.3122, 49.4684
YIQ	154.2740, 65.9200, 60.8640

Conversions

Conversions Part 2

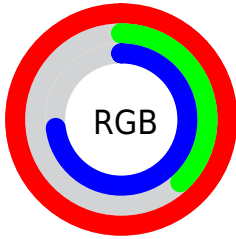
Format	Color
R _Y B	255, 97, 185
Decimal	16736697
CIE Lab	64.41, 68.20, -15.11
CIE LCh	64, 69.855, 347.509
Yxy	33.3122, 0.3960, 0.2431
Android (android.graphics.Color)	4294926777 (0xFFFF61B9)
YUV	154.2740, 15.1479, 88.3367
Hunter-Lab	57.7167, 66.8413, -10.4151

Details

The XYZ color **54.2717, 33.3122, 49.4684** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.6665, 76.8522, 48.8849**, and the grayscale version is **30.7522, 32.3537, 35.2332**.

A 20% lighter version of the original color is **68.8385, 51.0536, 89.4452**, and **26.8773, 14.0638, 23.1278** is the 20% darker color. If you saturate the color by 10%, you get **51.1367, 28.8759, 42.7709**, and if you desaturate by 10%, it is **58.2600, 39.3035, 56.9186**.

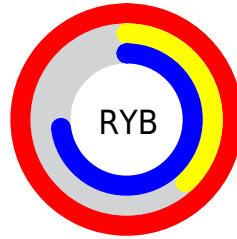
Distribution



Red (100%)

Green (38%)

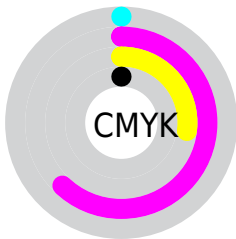
Blue (73%)



Red (100%)

Yellow (38%)

Blue (73%)

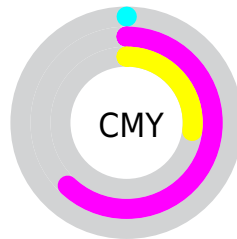


Cyan (0%)

Magenta (62%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (62%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2717, 33.3122, 49.4684 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 54.2717, 33.3122, 49.4684 by changing the saturation by 10% instead.


 54.2717, 33.3122,
49.4684


 54.2717, 33.3122,
49.4684

393.3267,
317.0542, 401.2588


 39.0505, 22.3657,
34.6230


 95.6276, 64.8626,
90.7749


 26.9799, 14.1259,
23.0914


 122.4930, 86.2354,
118.0731

 17.6946, 8.2083,
14.4550

 153.9705,
111.8524, 150.3592

 10.8293, 4.2285,
8.2955

 190.4254,
142.0979, 188.0519

 6.0186, 1.8022,
4.1941

232.2231,
177.3565, 231.5697

 2.8972, 0.4885,
1.7324

279.7290,

 1.0996, 0.0000,

218.0125, 281.3310

0.3828

333.3084,
264.4502, 337.7545

■ 0.0248, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2717, 33.3122,
49.4684

■ 54.2717, 33.3122,
49.4684

■ 51.1367, 28.8759,
42.7709

■ 58.2600, 39.3035,
56.9186

■ 48.7750, 25.8377,
36.7877


■ 63.1669, 46.9768,
65.1528


■ 47.0938, 24.0163,
31.4771

■ 69.0536, 56.4516,
74.2018

■ 46.1240, 23.2136,
27.6487

■ 75.9754, 67.8349,
84.0939

 83.9832, 81.2254,
94.8555

 93.1243, 96.7151,
106.5117

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.



47.9803, 33.3122, 87.3384



54.2717, 33.3122, 49.4684



53.6527, 33.3122, 22.1506

Triad

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



54.2717, 33.3122, 49.4684



26.2449, 33.3122, 5.0852



20.4117, 33.3122, 93.5795

Complementary

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



54.2717, 33.3122, 49.4684



47.6665, 76.8522, 48.8849

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.



16.6897, 33.3122, 55.3929



54.2717, 33.3122, 49.4684



19.5399, 33.3122, 10.4119

Square

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



54.2717, 33.3122, 49.4684



35.9858, 33.3122, 4.7572



16.4082, 33.3122, 25.6587



27.6997, 33.3122, 120.4491

Rectangle

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



54.2717, 33.3122, 49.4684



49.4052, 33.3122, 12.0826



16.4082, 33.3122, 25.6587



18.7749, 33.3122, 80.9430

Sweetspot

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



54.2725, 33.3138, 49.4690



78.2283, 71.5817, 87.1848



37.9408, 23.8210, 97.2060



16.2774, 14.5452, 18.0210



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.



54.2725, 33.3138, 49.4690



50.5942, 28.1469, 41.4920



48.1979, 30.8840, 17.4807



18.4329, 18.1565, 20.8970



24.1772, 12.1602, 14.8494



2.4091, 1.2060, 1.7355

Inverse Universe

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



54.2725, 33.3138, 49.4690



50.5942, 28.1469, 41.4920



57.0909, 80.6219, 98.5130



18.4329, 18.1565, 20.8970



24.1772, 12.1602, 14.8494



2.4091, 1.2060, 1.7355

Previews

White Background



This preview shows how the XYZ color 54.2717, 33.3122, 49.4684 looks on a white background.

Color Contrast Check

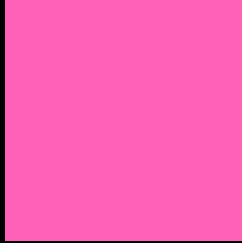
Large Text (above 18pt) WCAG AA × Fail

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 54.2717, 33.3122, 49.4684 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 54.2717, 33.3122, 49.4684

Background



This preview shows how black text looks on a background with the XYZ color 54.2717, 33.3122, 49.4684.



This preview shows how white text looks on a background with the XYZ color 54.2717, 33.3122,

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

54.2717, 33.3122, 49.4684

Protanopia

35.1146, 33.6705, 76.5998

Deuteranopia

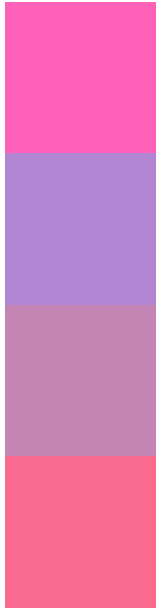
34.0643, 33.3122, 46.2295



Tritanopia

48.2513, 33.0841, 21.6121

Trichromacy



Original Color

54.2717, 33.3122, 49.4684

Protanomaly

38.5055, 30.9432, 65.5712

Deuteranomaly

39.2544, 31.5336, 47.1977

Tritanomaly

50.0754, 33.0382, 30.1233

Monochromacy



Original Color

54.2717, 33.3122, 49.4684

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

36.6649, 30.5680, 39.5651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2717, 33.3122, 49.4684 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 185) }
```

Border

The CSS property to change the border of an element to XYZ 54.2717, 33.3122, 49.4684 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, 185) }
```


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

```
.border{ border-color:rgb(255, 97, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2717, 33.3122, 49.4684 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, 185) }
```

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

```
.background{ background-color: rgb(255, 97,  
185) }
```

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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