

Converting Colors

XYZ(67.7822, 40.3053, 50.5906)

Have a look what the booklet for
XYZ(67.7822, 40.3053, 50.5906)
contains.

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Color

**XYZ(54.3776, 33.3546,
50.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61BA
RGB	255, 97, 186
RGB Percent	100%, 38%, 73%
CMY	0.0000, 0.6196, 0.2706
CMYK	0.00, 0.62, 0.27, 0.00
HSL	326°, 100%, 69%
HSV	326°, 62%, 100%
XYZ	54.3776, 33.3546, 50.0264
YIQ	154.3880, 65.5990, 61.1750

Conversions

Conversions Part 2

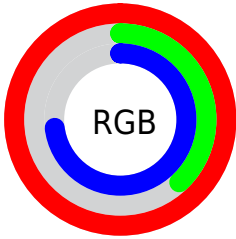
Format	Color
R _Y B	255, 97, 186
Decimal	16736698
CIE Lab	64.45, 68.32, -15.63
CIE LCh	64, 70.088, 347.118
Yxy	33.3546, 0.3947, 0.2421
Android (android.graphics.Color)	4294926778 (0xFFFF61BA)
YUV	154.3880, 15.5847, 88.2367
Hunter-Lab	57.7534, 66.9977, -10.9300

Details

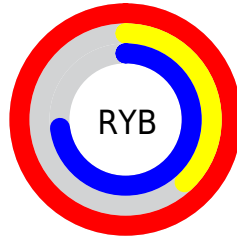
The XYZ color **54.3776, 33.3546, 50.0264** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.5745, 76.8154, 48.3999**, and the grayscale version is **30.8006, 32.4046, 35.2886**.

A 20% lighter version of the original color is **68.9884, 51.1135, 90.2342**, and **26.9460, 14.0913, 23.4900** is the 20% darker color. If you saturate the color by 10%, you get **51.2503, 28.9213, 43.3686**, and if you desaturate by 10%, it is **58.3560, 39.3419, 57.4238**.

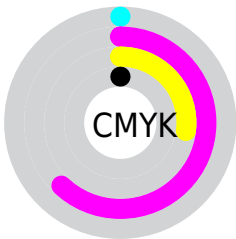
Distribution



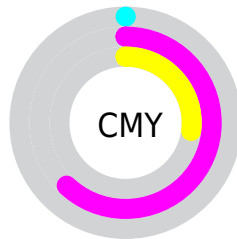
- Red (100%)
- Green (38%)
- Blue (73%)



- 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 54.3776, 33.3546, 50.0264 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 54.3776, 33.3546, 50.0264 by changing the saturation by 10% instead.


 54.3776, 33.3546,
50.0264

 54.3776, 33.3546,
50.0264

393.7232,
317.2446, 403.5072


 39.1355, 22.3982,
35.0630

 95.7821, 64.9288,
91.6107


 27.0464, 14.1498,
23.4275


 122.6752, 86.3153,
119.0687

 17.7448, 8.2249,
14.7012


 154.1827,
111.9474, 151.5287

 10.8655, 4.2392,
8.4657

 190.6699,
142.2094, 189.4092

 6.0431, 1.8083,
4.3023

232.5022,
177.4858, 233.1288

 2.9122, 0.4923,
1.7926

280.0449,

 1.1075, 0.0000,

218.1608, 283.1059

0.4231

333.6635,
264.6189, 339.7592

■ 0.0314, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3776, 33.3546,
50.0264

■ 54.3776, 33.3546,
50.0264

■ 51.2503, 28.9213,
43.3686

■ 58.3560, 39.3419,
57.4238

■ 48.8936, 25.8852,
37.4123

■ 63.2502, 47.0102,
65.5915

■ 47.2152, 24.0649,
32.1165

■ 69.1217, 56.4789,
74.5599

■ 46.2461, 23.2624,
28.2917

■ 76.0254, 67.8550,
84.3567

84.0122, 81.2372,
95.0080

93.1294, 96.7173,
106.5384

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.



47.9783, 33.3546, 88.1416



54.3776, 33.3546, 50.0264



53.8523, 33.3546, 22.4031

Triad

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



54.3776, 33.3546, 50.0264



26.3741, 33.3546, 5.0206



20.3378, 33.3546, 93.4415

Complementary

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



54.3776, 33.3546, 50.0264



47.5745, 76.8154, 48.3999

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.



16.6508, 33.3546, 55.0525



54.3776, 33.3546, 50.0264



19.5995, 33.3546, 10.2589

Square

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



54.3776, 33.3546, 50.0264



36.1844, 33.3546, 4.7443



16.4125, 33.3546, 25.3741



27.6070, 33.3546, 120.7663

Rectangle

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



54.3776, 33.3546, 50.0264



49.6349, 33.3546, 12.1951



16.4125, 33.3546, 25.3741



18.7115, 33.3546, 80.7024

Sweetspot

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



54.3785, 33.3563, 50.0270



78.2723, 71.5992, 87.4164



37.9409, 23.8211, 97.2060



16.2880, 14.5494, 18.0770



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.



54.3785, 33.3563, 50.0270



50.7089, 28.1928, 42.0960



48.1980, 30.8841, 17.4808



18.4379, 18.1585, 20.9233



24.2410, 12.1857, 15.1852



2.4152, 1.2084, 1.7677

Inverse Universe

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



54.3785, 33.3563, 50.0270



50.7089, 28.1928, 42.0960



57.0909, 80.6220, 98.5130



18.4379, 18.1585, 20.9233



24.2410, 12.1857, 15.1852



2.4152, 1.2084, 1.7677

Previews

White Background



This preview shows how the XYZ color 54.3776, 33.3546, 50.0264 looks on a white background.

Color Contrast Check

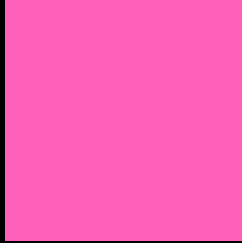
Large Text (above 18pt) WCAG AA × Fail

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 54.3776, 33.3546, 50.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

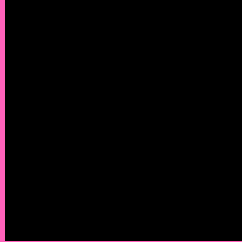
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3776, 33.3546, 50.0264

Background



This preview shows how black text looks on a background with the XYZ color 54.3776, 33.3546, 50.0264.



This preview shows how white text looks on a background with the XYZ color 54.3776, 33.3546,

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

54.3776, 33.3546, 50.0264

Protanopia

35.0936, 33.6438, 77.3173

Deuteranopia

34.3274, 33.6782, 46.8108



Tritanopia

48.3622, 33.3061, 21.6490

Trichromacy



Original Color

54.3776, 33.3546, 50.0264



Protanomaly

38.4027, 30.8756, 66.2229



Deuteranomaly

39.4930, 31.8470, 47.7816



Tritanomaly

50.0754, 33.0382, 30.1233

Monochromacy



Original Color

54.3776, 33.3546, 50.0264



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

36.7563, 30.6046, 40.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3776, 33.3546, 50.0264 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 186) }
```

Border

The CSS property to change the border of an element to XYZ 54.3776, 33.3546, 50.0264 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, 186) }
```


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

```
.border{ border-color:rgb(255, 97, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3776, 33.3546, 50.0264 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, 186) }
```

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

```
.background{ background-color: rgb(255, 97,  
186) }
```

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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