

Converting Colors

XYZ(53.9945, 34.3266, 49.9929)

Have a look what the booklet for
XYZ(53.9945, 34.3266, 49.9929)
contains.

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Color

**XYZ(54.0594, 34.3438,
50.2341)**

Conversions

Conversions Part 1

Format	Color
Hex	FC69BA
RGB	252, 105, 186
RGB Percent	99%, 41%, 73%
CMY	0.0118, 0.5882, 0.2706
CMYK	0.00, 0.58, 0.26, 0.01
HSL	327°, 96%, 70%
HSV	327°, 58%, 99%
XYZ	54.0594, 34.3438, 50.2341
YIQ	158.1870, 61.6110, 56.3550

Conversions

Conversions Part 2

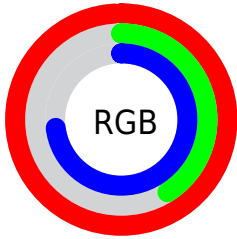
Format	Color
R _{YB}	252, 105, 186
Decimal	16542138
CIE _{Lab}	65.23, 64.12, -14.48
CIE _{LCh}	65, 65.734, 347.273
Yxy	34.3438, 0.3899, 0.2477
Android (android.graphics.Color)	4294732218 (0xFFFC69BA)
YUV	158.1870, 13.7118, 82.2740
Hunter-Lab	58.6036, 62.1027, -9.8000

Details

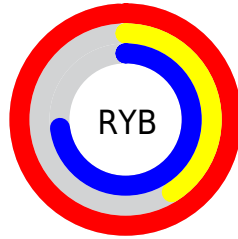
The XYZ color **54.0594, 34.3438, 50.2341** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.9886, 75.5654, 50.5884**, and the grayscale version is **32.5058, 34.1986, 37.2423**.

A 20% lighter version of the original color is **70.1873, 53.5115, 90.6339**, and **26.8725, 14.7013, 23.6116** is the 20% darker color. If you saturate the color by 10%, you get **50.7067, 29.4876, 43.4149**, and if you desaturate by 10%, it is **58.2696, 40.7619, 57.8097**.

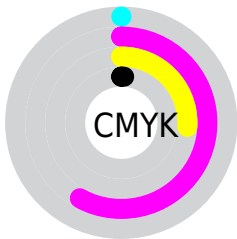
Distribution



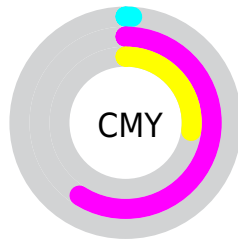
- Red (99%)
- Green (41%)
- Blue (73%)



- Red (99%)
- Yellow (41%)
- Blue (73%)



- Cyan (0%)
- Magenta (58%)
- Yellow (26%)
- Black (1%)





- Cyan (1%)
- Magenta (59%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0594, 34.3438, 50.2341 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 54.0594, 34.3438, 50.2341 by changing the saturation by 10% instead.


 54.0594, 34.3438,
50.2341


 54.0594, 34.3438,
50.2341


392.5311,
321.6623, 404.3420

 38.8800, 23.1578,
35.2270

 95.3178, 66.4679,
91.9215


 26.8467, 14.7101,
23.5528

 122.1276, 88.1749,
119.4389

 17.5941, 8.6162,
14.7931


 153.5449,
114.1577, 151.9633

 10.7569, 4.4917,
8.5293

 189.9350,
144.8007, 189.9135

 5.9697, 1.9522,
4.3429

231.6633,
180.4882, 233.7079

 2.8671, 0.5795,
1.8153

279.0952,

 1.0839, 0.0000,

221.6048, 283.7651

0.4380

332.5960,
268.5347, 340.5036

■ 0.0116, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0594, 34.3438,
50.2341

■ 54.0594, 34.3438,
50.2341

■ 50.7067, 29.4876,
43.4149

■ 58.2696, 40.7619,
57.8097

■ 48.1368, 26.0485,
37.3155


■ 63.3973, 48.8595,
66.1713


■ 46.2665, 23.8632,
31.8973


■ 69.5004, 58.7486,
75.3486

■ 44.9792, 22.7023,
27.1097

■ 76.6308, 70.5301,
85.3688

 44.7944, 22.5553,
26.3620

 84.8368, 84.2975,
96.2575

 93.7768, 99.3642,
107.9101

 93.9550, 99.4355,
108.8488

Harmonies

Analogous

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



48.0957, 34.3438, 85.7014



54.0594, 34.3438, 50.2341



53.5327, 34.3438, 23.8384

Triad

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



54.0594, 34.3438, 50.2341



27.4826, 34.3438, 6.2842



21.6905, 34.3438, 90.9387

Complementary

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



54.0594, 34.3438, 50.2341



47.9886, 75.5654, 50.5884

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.



18.0467, 34.3438, 55.3080



54.0594, 34.3438, 50.2341



20.9146, 34.3438, 11.8392

Square

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



54.0594, 34.3438, 50.2341



36.8626, 34.3438, 5.9607



17.7936, 34.3438, 26.9535



28.7579, 34.3438, 115.8506

Rectangle

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



54.0594, 34.3438, 50.2341



49.5663, 34.3438, 13.7128



17.7936, 34.3438, 26.9535



20.0901, 34.3438, 79.2026

Sweetspot

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



54.0604, 34.3455, 50.2347



79.7690, 74.2013, 89.1217



38.9221, 25.5355, 94.9732



16.7337, 15.3154, 18.6126



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.



54.0604, 34.3455, 50.2347



51.5825, 29.5874, 43.4741



48.2809, 32.0337, 19.8001



17.6449, 17.3853, 19.9856



23.4093, 11.7794, 14.1294



2.2215, 1.1123, 1.5900

Inverse Universe

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



54.0604, 34.3455, 50.2347



51.5825, 29.5874, 43.4741



56.6944, 79.0477, 96.4323



17.6449, 17.3853, 19.9856



23.4093, 11.7794, 14.1294



2.2215, 1.1123, 1.5900

Previews

White Background



This preview shows how the XYZ color 54.0594, 34.3438, 50.2341 looks on a white background.

Color Contrast Check

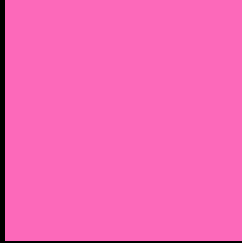
Large Text (above 18pt) WCAG AA × Fail

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 54.0594, 34.3438, 50.2341 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 54.0594, 34.3438, 50.2341

Background



This preview shows how black text looks on a background with the XYZ color 54.0594, 34.3438, 50.2341.



This preview shows how white text looks on a background with the XYZ color 54.0594, 34.3438,

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

54.0594, 34.3438, 50.2341

Protanopia

35.8892, 34.8768, 73.9476

Deuteranopia

35.2743, 34.6564, 46.9497



Tritanopia

48.6670, 34.2633, 24.1271

Trichromacy



Original Color

54.0594, 34.3438, 50.2341



Protanomaly

39.4195, 32.4837, 64.5139



Deuteranomaly

40.3121, 33.0978, 47.9799



Tritanomaly

50.3173, 34.0881, 31.9446

Monochromacy



Original Color

54.0594, 34.3438, 50.2341



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.0387, 32.4989, 41.3138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0594, 34.3438, 50.2341 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(252, 105, 186)` looks like.

```
.text, #text, p{  
    color:rgb(252, 105, 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(252, 105, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 105, 186) }
```

Border

The CSS property to change the border of an element to XYZ 54.0594, 34.3438, 50.2341 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(252, 105, 186) }
```


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

```
.border{ border-color:rgb(252, 105, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 105, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 105, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 105, 186);  
box-shadow:4px 4px 4px 4px rgb(252, 105,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0594, 34.3438, 50.2341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 105, 186) }
```

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

```
.background{ background-color: rgb(252,  
105, 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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