

Converting Colors

XYZ(54.1133, 34.8383, 43.7342)

Have a look what the booklet for
XYZ(54.1133, 34.8383, 43.7342)
contains.

XYZ(54.1377, 34.8314, 43.9142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.1377, 34.8314,
43.9142)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BAE
RGB	255, 107, 174
RGB Percent	100%, 42%, 68%
CMY	0.0000, 0.5804, 0.3176
CMYK	0.00, 0.58, 0.32, 0.00
HSL	333°, 100%, 71%
HSV	333°, 58%, 100%
XYZ	54.1377, 34.8314, 43.9142
YIQ	158.8900, 66.7010, 52.2130

Conversions

Conversions Part 2

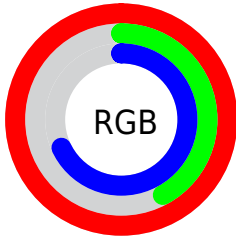
Format	Color
R_{YB}	255, 107, 174
Decimal	16739246
CIE _{Lab}	65.62, 62.67, -7.05
CIE _{LCh}	66, 63.064, 353.583
Yxy	34.8314, 0.4074, 0.2621
Android (android.graphics.Color)	4294929326 (0xFFFF6BAE)
YUV	158.8900, 7.4492, 84.2885
Hunter-Lab	59.0181, 60.4574, -2.8038

Details

The XYZ color **54.1377, 34.8314, 43.9142** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.9023, 78.2775, 60.0075**, and the grayscale version is **32.8515, 34.5623, 37.6384**.

A 20% lighter version of the original color is **68.6583, 53.4681, 80.8304**, and **26.7775, 14.9075, 19.8785** is the 20% darker color. If you saturate the color by 10%, you get **50.5694, 29.7603, 36.3569**, and if you desaturate by 10%, it is **58.6329, 41.5298, 52.4787**.

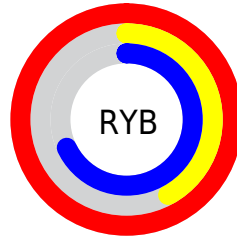
Distribution



Red (100%)

Green (42%)

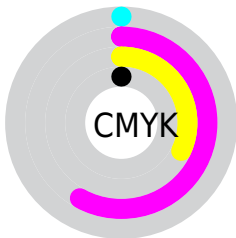
Blue (68%)



Red (100%)

Yellow (42%)

Blue (68%)

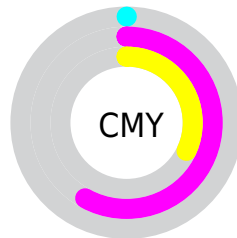


Cyan (0%)

Magenta (58%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1377, 34.8314, 43.9142 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 54.1377, 34.8314, 43.9142 by changing the saturation by 10% instead.


 54.1377, 34.8314,
43.9142


 54.1377, 34.8314,
43.9142

392.8247,
323.8235, 378.3891


 38.9429, 23.5330,
30.2664


 95.4321, 67.2245,
82.3897


 26.8958, 14.9876,
19.7871

 122.2624, 89.0880,
108.0545

 17.6312, 8.8107,
12.0578


 153.7019,
115.2420, 138.5620

 10.7836, 4.6179,
6.6601

 190.1159,
146.0710, 174.3307

 5.9877, 2.0249,
3.1752

231.8699,
181.9592, 215.7793

 2.8782, 0.6219,
1.1848

279.3291,

 1.0897, 0.0000,

223.2911, 263.3262

0.0000

332.8589,
270.4511, 317.3899

■ 0.0165, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1377, 34.8314,
43.9142

■ 54.1377, 34.8314,
43.9142

■ 50.5694, 29.7603,
36.3569

■ 58.6329, 41.5298,
52.4787

■ 47.8497, 26.1672,
29.7586

■ 64.1188, 49.9768,
62.0909

■ 45.8910, 23.8840,
24.0680

■ 70.6565, 60.2883,
72.7911

■ 44.5747, 22.6809,
19.2222

■ 78.3013, 72.5685,
84.6163

■ 44.3595, 22.5078,
18.3569

■ 87.1042, 86.9141,
97.6017

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.



49.5997, 34.8314, 76.9633



54.1377, 34.8314, 43.9142



52.2509, 34.8314, 20.9645

Triad

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



54.1377, 34.8314, 43.9142



26.4817, 34.8314, 7.7604



23.6216, 34.8314, 95.5349

Complementary

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



54.1377, 34.8314, 43.9142



50.9023, 78.2775, 60.0075

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.



19.3230, 34.8314, 62.2018



54.1377, 34.8314, 43.9142



20.7463, 34.8314, 14.9944

Square

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



54.1377, 34.8314, 43.9142



35.1361, 34.8314, 6.4713



18.3782, 34.8314, 32.5076



31.1560, 34.8314, 114.5116

Rectangle

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



54.1377, 34.8314, 43.9142



47.7502, 34.8314, 12.5151



18.3782, 34.8314, 32.5076



21.8116, 34.8314, 85.0576

Sweetspot

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



54.1386, 34.8332, 43.9148



79.1586, 73.9572, 85.9071



43.5430, 28.1684, 97.7498



16.5897, 15.2578, 17.8543



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.



54.1386, 34.8332, 43.9148



49.9707, 28.9427, 34.9868



49.6820, 33.8971, 17.8365



18.3512, 18.1238, 20.4668



23.2517, 11.7900, 9.9761



2.3182, 1.1696, 1.2568

Inverse Universe

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



54.1386, 34.8332, 43.9148



49.9707, 28.9427, 34.9868



58.3208, 78.7591, 106.7359



18.3512, 18.1238, 20.4668



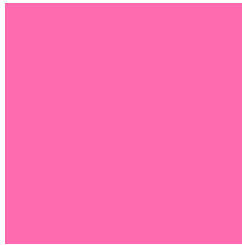
23.2517, 11.7900, 9.9761



2.3182, 1.1696, 1.2568

Previews

White Background



This preview shows how the XYZ color 54.1377, 34.8314, 43.9142 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 54.1377, 34.8314, 43.9142 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 54.1377, 34.8314, 43.9142

Background



This preview shows how black text looks on a background with the XYZ color 54.1377, 34.8314, 43.9142.



This preview shows how white text looks on a background with the XYZ color 54.1377, 34.8314,

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

54.1377, 34.8314, 43.9142

Protanopia

35.5220, 35.1618, 63.9462

Deuteranopia

35.7097, 35.0034, 41.4334



Tritanopia

49.8466, 34.7125, 23.4750

Trichromacy



Original Color

54.1377, 34.8314, 43.9142



Protanomaly

39.3326, 32.8445, 55.8963



Deuteranomaly

40.7013, 33.6358, 42.3774



Tritanomaly

51.0079, 34.4889, 29.9552

Monochromacy



Original Color

54.1377, 34.8314, 43.9142



Achromatopsia

32.9542, 34.6704, 37.7561



Achromatomaly

38.3271, 32.9058, 39.4534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1377, 34.8314, 43.9142 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, 107, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 174)  
}
```

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, 107, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 174) }
```

Border

The CSS property to change the border of an element to XYZ 54.1377, 34.8314, 43.9142 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, 107, 174) }
```


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

```
.border{ border-color:rgb(255, 107, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 107, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1377, 34.8314, 43.9142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 174) }
```

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

```
.background{ background-color: rgb(255,  
107, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor