

Converting Colors

XYZ(54.5298, 34.6584, 46.9957)

Have a look what the booklet for
XYZ(54.5298, 34.6584, 46.9957)
contains.

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Color

**XYZ(54.5298, 34.6584,
46.9957)**

Conversions

Conversions Part 1

Format	Color
Hex	FF69B4
RGB	255, 105, 180
RGB Percent	100%, 41%, 71%
CMY	0.0000, 0.5882, 0.2941
CMYK	0.00, 0.59, 0.29, 0.00
HSL	330°, 100%, 71%
HSV	330°, 59%, 100%
XYZ	54.5298, 34.6584, 46.9957
YIQ	158.4000, 65.3250, 55.1250

Conversions

Conversions Part 2

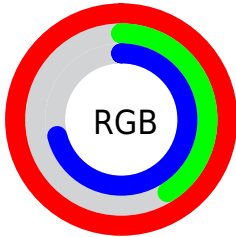
Format	Color
R_{YB}	255, 105, 180
Decimal	16738740
CIE _{Lab}	65.48, 64.25, -10.66
CIE _{LCh}	65, 65.129, 350.580
Yxy	34.6584, 0.4004, 0.2545
Android (android.graphics.Color)	4294928820 (0xFFFF69B4)
YUV	158.4000, 10.6488, 84.7182
Hunter-Lab	58.8714, 62.3112, -6.1199

Details

The XYZ color **54.5298, 34.6584, 46.9957** is a light color, and the websafe version is hex **FF6699**, and the color name is **hotpink**. A complement of this color would be **49.8256, 77.8193, 55.5785**, and the grayscale version is **32.6146, 34.3131, 37.3670**.

A 20% lighter version of the original color is **69.3007, 53.1568, 85.9646**, and **27.2371, 14.9358, 21.5260** is the 20% darker color. If you saturate the color by 10%, you get **51.0710, 29.7248, 39.7263**, and if you desaturate by 10%, it is **58.8883, 41.1999, 55.1553**.

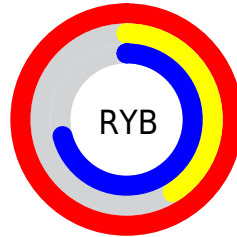
Distribution



Red (100%)

Green (41%)

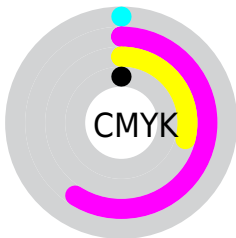
Blue (71%)



Red (100%)

Yellow (41%)

Blue (71%)

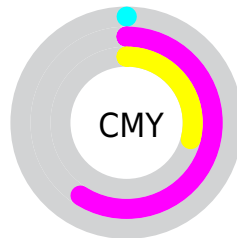


Cyan (0%)

Magenta (59%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5298, 34.6584, 46.9957 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 54.5298, 34.6584, 46.9957 by changing the saturation by 10% instead.


 54.5298, 34.6584,
46.9957


 54.5298, 34.6584,
46.9957

394.2926,
323.0580, 391.1906

 39.2577, 23.3999,
32.6779


 96.0040, 66.9562,
87.0571


 27.1419, 14.8890,
21.6107


 122.9369, 88.7643,
113.6379

 17.8170, 8.7415,
13.3756


 154.4875,
114.8577, 145.1433

 10.9176, 4.5730,
7.5539

 191.0211,
145.6208, 181.9921

 6.0783, 1.9990,
3.7272

232.9030,
181.4379, 224.6026

 2.9339, 0.6069,
1.4769

280.4986,

 1.1189, 0.0000,

222.6936, 273.3936

0.2006

334.1734,
269.7721, 328.7834

■ 0.0408, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5298, 34.6584,
46.9957

■ 54.5298, 34.6584,
46.9957

■ 51.0710, 29.7248,
39.7263

■ 58.8883, 41.1999,
55.1553

■ 48.4340, 26.2489,
33.3042

■ 64.2100, 49.4717,
64.2404

■ 46.5311, 24.0603,
27.6841

■ 70.5553, 59.5899,
74.2863

■ 45.2350, 22.9102,
22.8063

■ 77.9790, 71.6592,
85.3252

■ 45.1031, 22.8052,
22.2726

■ 86.5316, 85.7764,
97.3877

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.



49.2238, 34.6584, 81.8390



54.5298, 34.6584, 46.9957



53.2492, 34.6584, 22.1312

Triad

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



54.5298, 34.6584, 46.9957



26.9107, 34.6584, 6.8421



22.6212, 34.6584, 94.5361

Complementary

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



54.5298, 34.6584, 46.9957



49.8256, 77.8193, 55.5785

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.



18.5913, 34.6584, 59.3559



54.5298, 34.6584, 46.9957



20.7159, 34.6584, 13.2577

Square

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



54.5298, 34.6584, 46.9957



36.0332, 34.6584, 6.0302



17.9684, 34.6584, 29.7821



30.0324, 34.6584, 116.8040

Rectangle

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



54.5298, 34.6584, 46.9957



48.9128, 34.6584, 12.8567



17.9684, 34.6584, 29.7821



20.8914, 34.6584, 83.2101

Sweetspot

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



54.5307, 34.6601, 46.9963



78.6375, 72.7390, 86.2758



41.9257, 27.0286, 97.6150



16.3391, 14.7627, 17.7515



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.



54.5307, 34.6601, 46.9963



50.4289, 28.8483, 38.2557



48.8426, 32.3849, 17.0434



18.3882, 18.1386, 20.6612



23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Inverse Universe

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



54.5307, 34.6601, 46.9963



50.4289, 28.8483, 38.2557



59.6366, 81.7437, 107.2427



18.3882, 18.1386, 20.6612



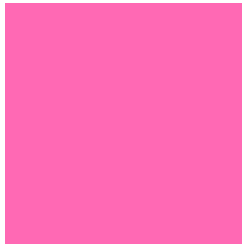
23.6427, 11.9464, 12.0348



2.3571, 1.1852, 1.4620

Previews

White Background



This preview shows how the XYZ color 54.5298, 34.6584, 46.9957 looks on a white background.

Color Contrast Check

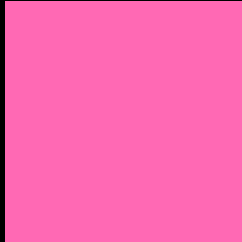
Large Text (above 18pt) WCAG AA × Fail

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 54.5298, 34.6584, 46.9957 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 54.5298, 34.6584, 46.9957

Background



This preview shows how black text looks on a background with the XYZ color 54.5298, 34.6584, 46.9957.



This preview shows how white text looks on a background with the XYZ color 54.5298, 34.6584,

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

54.5298, 34.6584, 46.9957

Protanopia

35.7793, 34.9114, 69.8186

Deuteranopia

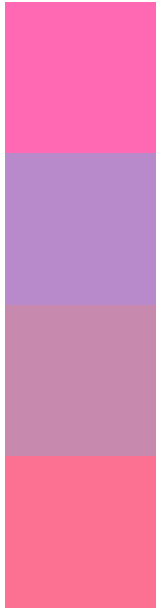
35.5299, 34.8563, 43.8850



Tritanopia

49.4873, 34.5272, 23.4582

Trichromacy



Original Color

54.5298, 34.6584, 46.9957

Protanomaly

39.6351, 32.6791, 60.7186

Deuteranomaly

40.5029, 33.2658, 44.8436

Tritanomaly

51.1608, 34.5500, 30.7604

Monochromacy



Original Color

54.5298, 34.6584, 46.9957

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

38.1079, 32.5559, 40.3518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5298, 34.6584, 46.9957 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, 105, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 105, 180)  
}
```

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, 105, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 105, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.5298, 34.6584, 46.9957 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, 105, 180) }
```


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

```
.border{ border-color:rgb(255, 105, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 105, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 105, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 105, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 105,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5298, 34.6584, 46.9957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 105, 180) }
```

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

```
.background{ background-color: rgb(255,  
105, 180) }
```

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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