

Converting Colors

XYZ(54.5742, 34.1959, 48.7106)

Have a look what the booklet for
XYZ(54.5742, 34.1959, 48.7106)
contains.

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Color

**XYZ(54.5386, 34.1816,
48.5230)**

Conversions

Conversions Part 1

Format	Color
Hex	FF66B7
RGB	255, 102, 183
RGB Percent	100%, 40%, 72%
CMY	0.0000, 0.6000, 0.2824
CMYK	0.00, 0.60, 0.28, 0.00
HSL	328°, 100%, 70%
HSV	328°, 60%, 100%
XYZ	54.5386, 34.1816, 48.5230
YIQ	156.9810, 65.1870, 57.6270

Conversions

Conversions Part 2

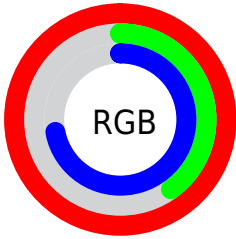
Format	Color
R _Y B	255, 102, 183
Decimal	16737975
CIE Lab	65.11, 65.89, -12.93
CIE LCh	65, 67.147, 348.900
Yxy	34.1816, 0.3974, 0.2491
Android (android.graphics.Color)	4294928055 (0xFFFF66B7)
YUV	156.9810, 12.8274, 85.9627
Hunter-Lab	58.4650, 64.1984, -8.2822

Details

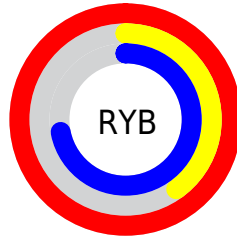
The XYZ color **54.5386, 34.1816, 48.5230** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.8811, 77.4015, 52.4119**, and the grayscale version is **31.9642, 33.6289, 36.6218**.

A 20% lighter version of the original color is **69.2181, 52.2883, 88.1058**, and **27.2605, 14.6648, 22.5129** is the 20% darker color. If you saturate the color by 10%, you get **51.2103, 29.4395, 41.5115**, and if you desaturate by 10%, it is **58.7456, 40.5106, 56.3536**.

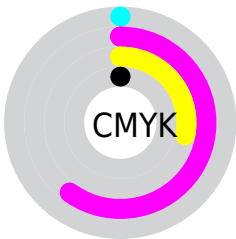
Distribution



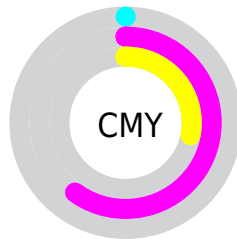
- Red (100%)
- Green (40%)
- Blue (72%)



- Red (100%)
- Yellow (40%)
- Blue (72%)



- Cyan (0%)
- Magenta (60%)
- Yellow (28%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5386, 34.1816, 48.5230 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 54.5386, 34.1816, 48.5230 by changing the saturation by 10% instead.


 54.5386, 34.1816,
48.5230


 54.5386, 34.1816,
48.5230

394.3255,
320.9410, 397.4298

 39.2648, 23.0331,
33.8783


 96.0169, 66.2160,
89.3562


 27.1474, 14.6180,
22.5235

 122.9521, 87.8707,
116.3819

 17.8212, 8.5517,
14.0401


 154.5051,
113.7963, 148.3715

 10.9206, 4.4500,
8.0095

 191.0414,
144.3771, 185.7438

 6.0803, 1.9283,
4.0132

232.9262,
179.9976, 228.9173

 2.9351, 0.5653,
1.6326

280.5249,

 1.1195, 0.0000,

221.0422, 278.3104

0.3139

334.2029,
267.8952, 334.3417

■ 0.0414, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5386, 34.1816,
48.5230

■ 54.5386, 34.1816,
48.5230

■ 51.2103, 29.4395,
41.5115

■ 58.7456, 40.5106,
56.3536

■ 48.6822, 26.1316,
35.2788

■ 63.8953, 48.5502,
65.0361

■ 46.8650, 24.0837,
29.7820

■ 70.0482, 58.4180,
74.6033

■ 45.6132, 23.0094,
24.9583

■ 77.2590, 70.2193,
85.0851

■ 45.6128, 23.0091,
24.9569

■ 85.5783, 84.0516,
96.5098

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.



48.7359, 34.1816, 84.7574



54.5386, 34.1816, 48.5230



53.6129, 34.1816, 22.4125

Triad

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



54.5386, 34.1816, 48.5230



26.7941, 34.1816, 6.0485



21.6708, 34.1816, 94.0017

Complementary

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



54.5386, 34.1816, 48.5230



48.8811, 77.4015, 52.4119

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.



17.8010, 34.1816, 57.4259



54.5386, 34.1816, 48.5230



20.3249, 34.1816, 11.9283

Square

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



54.5386, 34.1816, 48.5230



36.2275, 34.1816, 5.5035



17.3633, 34.1816, 27.8212



29.0162, 34.1816, 118.5121

Rectangle

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



54.5386, 34.1816, 48.5230



49.3437, 34.1816, 12.6819



17.3633, 34.1816, 27.8212



19.9889, 34.1816, 82.0579

Sweetspot

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



54.5395, 34.1833, 48.5236



78.8301, 72.8160, 87.2901



40.1253, 25.6548, 97.4448



16.3860, 14.7814, 17.9986



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.



54.5395, 34.1833, 48.5236



50.6423, 28.6670, 40.2018



48.6517, 31.8282, 17.5189



18.4112, 18.1478, 20.7828



23.9098, 12.0532, 13.4415



2.3832, 1.1957, 1.5996

Inverse Universe

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



54.5395, 34.1833, 48.5236



50.6423, 28.6670, 40.2018



58.4801, 81.2411, 102.9594



18.4112, 18.1478, 20.7828



23.9098, 12.0532, 13.4415



2.3832, 1.1957, 1.5996

Previews

White Background



This preview shows how the XYZ color 54.5386, 34.1816, 48.5230 looks on a white background.

Color Contrast Check

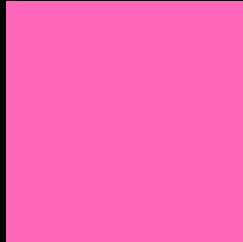
Large Text (above 18pt) WCAG AA × Fail

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 54.5386, 34.1816, 48.5230 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 54.5386, 34.1816, 48.5230

Background



This preview shows how black text looks on a background with the XYZ color 54.5386, 34.1816, 48.5230.



This preview shows how white text looks on a background with the XYZ color 54.5386, 34.1816,

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

54.5386, 34.1816, 48.5230

Protanopia

35.5871, 34.4864, 73.1875

Deuteranopia

35.0193, 34.3133, 45.3349



Tritanopia

49.1302, 34.0155, 22.7151

Trichromacy



Original Color

54.5386, 34.1816, 48.5230



Protanomaly

39.1227, 31.9371, 63.1340



Deuteranomaly

39.9886, 32.5481, 46.2943



Tritanomaly

50.8316, 33.8916, 30.6507

Monochromacy



Original Color

54.5386, 34.1816, 48.5230



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

37.8209, 31.9820, 40.2561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5386, 34.1816, 48.5230 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, 102, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 183)  
}
```

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, 102, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 183) }
```

Border

The CSS property to change the border of an element to XYZ 54.5386, 34.1816, 48.5230 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, 102, 183) }
```


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

```
.border{ border-color:rgb(255, 102, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5386, 34.1816, 48.5230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 183) }
```

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

```
.background{ background-color: rgb(255,  
102, 183) }
```

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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