

Converting Colors

XYZ(71.6765, 43.0899, 51.6574)

Have a look what the booklet for
XYZ(71.6765, 43.0899, 51.6574)
contains.

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Color

**XYZ(55.0599, 34.5484,
50.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	FF67BB
RGB	255, 103, 187
RGB Percent	100%, 40%, 73%
CMY	0.0000, 0.5960, 0.2667
CMYK	0.00, 0.60, 0.27, 0.00
HSL	327°, 100%, 70%
HSV	327°, 60%, 100%
XYZ	55.0599, 34.5484, 50.7802
YIQ	158.0240, 63.6280, 58.3480

Conversions

Conversions Part 2

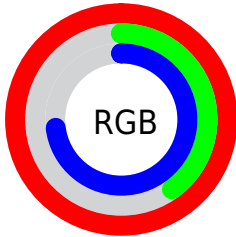
Format	Color
R _{YB}	255, 103, 187
Decimal	16738235
CIE Lab	65.40, 65.96, -14.76
CIE LCh	65, 67.596, 347.386
Yxy	34.5484, 0.3922, 0.2461
Android (android.graphics.Color)	4294928315 (0xFFFF67BB)
YUV	158.0240, 14.2852, 85.0480
Hunter-Lab	58.7779, 64.3477, -10.0781

Details

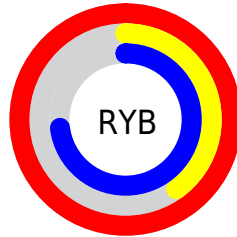
The XYZ color **55.0599, 34.5484, 50.7802** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.7060, 77.3447, 50.8940**, and the grayscale version is **32.4288, 34.1176, 37.1541**.

A 20% lighter version of the original color is **69.9885, 52.8727, 91.3107**, and **27.6017, 14.9092, 23.9773** is the 20% darker color. If you saturate the color by 10%, you get **51.7258, 29.7577, 43.8806**, and if you desaturate by 10%, it is **59.2660, 40.9275, 58.4499**.

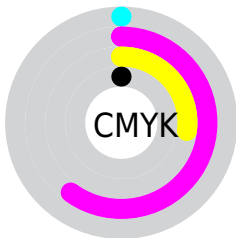
Distribution



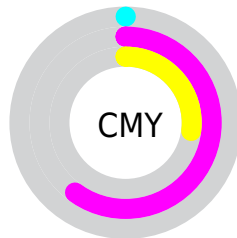
- Red (100%)
- Green (40%)
- Blue (73%)



- Red (100%)
- Yellow (40%)
- Blue (73%)



- Cyan (0%)
- Magenta (60%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0599, 34.5484, 50.7802 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 55.0599, 34.5484, 50.7802 by changing the saturation by 10% instead.


 55.0599, 34.5484,
50.7802

 55.0599, 34.5484,
50.7802

396.2717,
322.5705, 406.5314


 39.6837, 23.3152,
35.6582


 96.7765, 66.7856,
92.7380


 27.4751, 14.8264,
23.8827


 123.8477, 88.5583,
120.4108

 18.0688, 8.6977,
15.0353

 155.5478,
114.6131, 153.1043

 11.0994, 4.5445,
8.6972

 192.2424,
145.3342, 191.2371

 6.2015, 1.9826,
4.4501

234.2967,
181.1062, 235.2277

 3.0098, 0.5973,
1.8754

282.0761,

 1.1590, 0.0000,

222.3132, 285.4945

0.4770

335.9460,
269.3399, 342.4562

■ 0.0736, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0599, 34.5484,
50.7802

■ 55.0599, 34.5484,
50.7802

■ 51.7258, 29.7577,
43.8806

■ 59.2660, 40.9275,
58.4499

■ 49.1858, 26.4037,
37.7130

■ 64.4071, 49.0181,
66.9204

■ 47.3520, 24.3140,
32.2371

■ 70.5435, 58.9370,
76.2224

■ 46.0860, 23.2159,
27.3947

■ 77.7292, 70.7891,
86.3841

■ 46.0414, 23.1806,
27.2140

■ 86.0142, 84.6714,
97.4318

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.



48.8795, 34.5484, 87.7269



55.0599, 34.5484, 50.7802



54.4846, 34.5484, 23.6003

Triad

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



55.0599, 34.5484, 50.7802



27.4860, 34.5484, 5.9344



21.5901, 34.5484, 93.4768

Complementary

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



55.0599, 34.5484, 50.7802



48.7060, 77.3447, 50.8940

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.



17.8505, 34.5484, 56.3099



55.0599, 34.5484, 50.7802



20.7561, 34.5484, 11.5118

Square

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



55.0599, 34.5484, 50.7802



37.1589, 34.5484, 5.5989



17.5795, 34.5484, 26.9517



28.8643, 34.5484, 119.5033

Rectangle

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



55.0599, 34.5484, 50.7802



50.3445, 34.5484, 13.3240



17.5795, 34.5484, 26.9517



19.9473, 34.5484, 81.2161

Sweetspot

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



55.0608, 34.5501, 50.7808



78.9832, 72.8773, 88.0963



39.2357, 25.3430, 97.4315



16.4233, 14.7964, 18.1952



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.



55.0608, 34.5501, 50.7808



51.0480, 28.8292, 42.3378



49.0797, 32.1577, 19.2848



18.4295, 18.1551, 20.8790



24.1340, 12.1429, 14.6222



2.4049, 1.2043, 1.7137

Inverse Universe

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



55.0608, 34.5501, 50.7808



51.0480, 28.8292, 42.3378



57.8157, 80.9885, 98.8651



18.4295, 18.1551, 20.8790



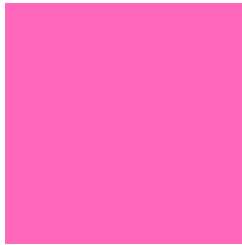
24.1340, 12.1429, 14.6222



2.4049, 1.2043, 1.7137

Previews

White Background



This preview shows how the XYZ color 55.0599, 34.5484, 50.7802 looks on a white background.

Color Contrast Check

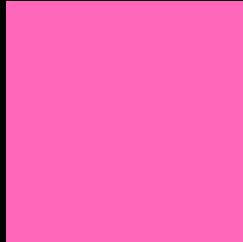
Large Text (above 18pt) WCAG AA × Fail

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 55.0599, 34.5484, 50.7802 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 55.0599, 34.5484, 50.7802

Background



This preview shows how black text looks on a background with the XYZ color 55.0599, 34.5484, 50.7802.



This preview shows how white text looks on a background with the XYZ color 55.0599, 34.5484,

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

55.0599, 34.5484, 50.7802

Protanopia

36.1288, 34.9535, 76.0767

Deuteranopia

35.3751, 34.6967, 47.4805



Tritanopia

49.4873, 34.5272, 23.4582

Trichromacy



Original Color

55.0599, 34.5484, 50.7802



Protanomaly

39.7596, 32.4182, 65.7898



Deuteranomaly

40.5364, 32.9915, 48.4875



Tritanomaly

51.2844, 34.4219, 31.9581

Monochromacy



Original Color

55.0599, 34.5484, 50.7802



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

38.2422, 32.3790, 41.7703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0599, 34.5484, 50.7802 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, 103, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 103, 187)  
}
```

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, 103, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 103, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.0599, 34.5484, 50.7802 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, 103, 187) }
```


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

```
.border{ border-color:rgb(255, 103, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 103, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 103, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 103, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 103,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0599, 34.5484, 50.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 103, 187) }
```

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

```
.background{ background-color: rgb(255,  
103, 187) }
```

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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