

Converting Colors

XYZ(50.7246, 34.4321, 46.6350)

Have a look what the booklet for
XYZ(50.7246, 34.4321, 46.6350)
contains.

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Color

**XYZ(50.6577, 34.4462,
46.6267)**

Conversions

Conversions Part 1

Format	Color
Hex	F174B3
RGB	241, 116, 179
RGB Percent	95%, 45%, 70%
CMY	0.0549, 0.5451, 0.2980
CMYK	0.00, 0.52, 0.26, 0.05
HSL	330°, 82%, 70%
HSV	330°, 52%, 95%
XYZ	50.6577, 34.4462, 46.6267
YIQ	160.5570, 54.2770, 46.0930

Conversions

Conversions Part 2

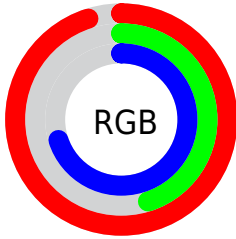
Format	Color
R _Y B	241, 116, 179
Decimal	15824051
CIE Lab	65.32, 54.89, -10.55
CIE LCh	65, 55.898, 349.120
Yxy	34.4462, 0.3846, 0.2615
Android (android.graphics.Color)	4294014131 (0xFFFF174B3)
YUV	160.5570, 9.0924, 70.5485
Hunter-Lab	58.6909, 51.3592, -6.0190

Details

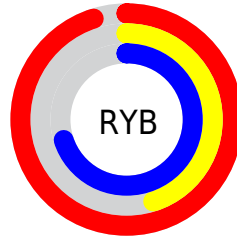
The XYZ color **50.6577, 34.4462, 46.6267** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.6953, 69.8389, 53.1420**, and the grayscale version is **33.6136, 35.3642, 38.5116**.

A 20% lighter version of the original color is **70.9879, 56.7632, 85.8122**, and **24.7260, 14.7889, 21.2900** is the 20% darker color. If you saturate the color by 10%, you get **47.0742, 29.1307, 39.7235**, and if you desaturate by 10%, it is **55.0685, 41.2479, 54.3234**.

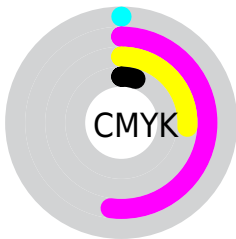
Distribution



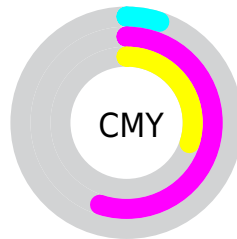
- Red (95%)
- Green (45%)
- Blue (70%)



- Red (95%)
- Yellow (45%)
- Blue (70%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (5%)




- Cyan (5%)
- Magenta (55%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6577, 34.4462, 46.6267 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 50.6577, 34.4462, 46.6267 by changing the saturation by 10% instead.


 50.6577, 34.4462,
46.6267


 50.6577, 34.4462,
46.6267


379.6420,
322.1171, 389.6730


 36.1562, 23.2366,
32.3884


 90.3346, 66.6269,
86.5003

 24.7255, 14.7683,
21.3911


 116.2407, 88.3669,
112.9726

 16.0003, 8.6569,
13.2161


 146.6791,
114.3857, 144.3601

 9.6152, 4.5181,
7.4451

182.0150,
145.0678, 181.0812

 5.2049, 1.9674,
3.6593

222.6140,
180.7976, 223.5546

 2.4040, 0.5884,
1.4404

268.8412,

 0.8471, 0.0000,

221.9595, 272.1986

0.1729

321.0621,
268.9379, 327.4319

■ 0.0000, 0.0000,
0.0000

■ 50.6577, 34.4462,
46.6267

■ 50.6577, 34.4462,
46.6267

■ 47.0742, 29.1307,
39.7235

■ 55.0685, 41.2479,
54.3234

■ 44.2554, 25.1814,
33.5791

■ 60.3569, 49.6334,
62.8422

■ 42.1340, 22.4678,
28.1576

■ 66.5728, 59.6978,
72.2120

■ 40.6283, 20.8311,
23.4177

■ 73.7611, 71.5275,
82.4596

■ 39.7552, 20.0926,
20.0200

■ 81.9637, 85.2026,
93.6104

89.4051, 97.1686,
105.0835

90.0858, 97.4408,
108.6677

Harmonies

Analogous

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



46.0691, 34.4462, 75.1942



50.6577, 34.4462, 46.6267



49.8823, 34.4462, 24.6471

Triad

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



50.6577, 34.4462, 46.6267



27.8726, 34.4462, 9.0819



23.5211, 34.4462, 82.6774

Complementary

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



50.6577, 34.4462, 46.6267



46.6953, 69.8389, 53.1420

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.



20.0581, 34.4462, 54.2031



50.6577, 34.4462, 46.6267



22.2673, 34.4462, 15.1405

Square

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



50.6577, 34.4462, 46.6267



35.7866, 34.4462, 8.4490



19.6408, 34.4462, 29.6598



29.8716, 34.4462, 101.0612

Rectangle

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



50.6577, 34.4462, 46.6267



46.4584, 34.4462, 15.7242



19.6408, 34.4462, 29.6598



22.0290, 34.4462, 73.5289

Sweetspot

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



50.6587, 34.4479, 46.6274



80.2983, 75.4389, 88.7463



40.1231, 28.1224, 86.5329



16.8271, 15.5548, 18.4815



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.



50.6587, 34.4479, 46.6274



53.3993, 32.9485, 44.9205



45.7973, 32.5033, 21.0276



16.1051, 15.8918, 18.1099



21.6265, 10.9230, 11.2157



1.8494, 0.9288, 1.1976

Inverse Universe

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



50.6587, 34.4479, 46.6274



53.3993, 32.9485, 44.9205



54.2265, 72.8514, 92.8009



16.1051, 15.8918, 18.1099



21.6265, 10.9230, 11.2157



1.8494, 0.9288, 1.1976

Previews

White Background



This preview shows how the XYZ color 50.6577, 34.4462, 46.6267 looks on a white background.

Color Contrast Check

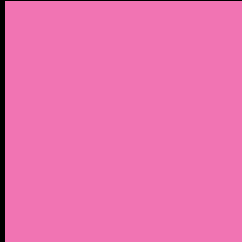
Large Text (above 18pt) WCAG AA × Fail

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 50.6577, 34.4462, 46.6267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

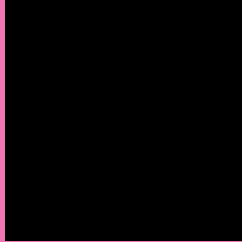
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6577, 34.4462, 46.6267

Background



This preview shows how black text looks on a background with the XYZ color 50.6577, 34.4462, 46.6267.



This preview shows how white text looks on a background with the XYZ color 50.6577, 34.4462,

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

50.6577, 34.4462, 46.6267

Protanopia

35.1735, 34.7299, 63.8812

Deuteranopia

35.4126, 34.7847, 44.3828



Tritanopia

46.5617, 34.3930, 26.7387

Trichromacy



Original Color

50.6577, 34.4462, 46.6267



Protanomaly

38.8071, 33.2010, 57.1864



Deuteranomaly

39.7684, 33.7470, 44.9752



Tritanomaly

47.7244, 34.2982, 32.9590

Monochromacy



Original Color

50.6577, 34.4462, 46.6267



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

38.4285, 34.0251, 41.5879

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6577, 34.4462, 46.6267 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(241, 116, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 179)  
}
```

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(241, 116, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 179) }
```

Border

The CSS property to change the border of an element to XYZ 50.6577, 34.4462, 46.6267 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(241, 116, 179) }
```


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

```
.border{ border-color:rgb(241, 116, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 116, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 116, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 116, 179); box-shadow:4px 4px 4px 4px rgb(241, 116, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6577, 34.4462, 46.6267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 179) }
```

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

```
.background{ background-color: rgb(241,  
116, 179) }
```

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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