

Converting Colors

XYZ(50.9717, 34.7909, 49.7557)

Have a look what the booklet for
XYZ(50.9717, 34.7909, 49.7557)
contains.

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Color

**XYZ(51.0534, 34.7506,
49.9157)**

Conversions

Conversions Part 1

Format	Color
Hex	F075B9
RGB	240, 117, 185
RGB Percent	94%, 46%, 73%
CMY	0.0588, 0.5412, 0.2745
CMYK	0.00, 0.51, 0.23, 0.06
HSL	327°, 80%, 70%
HSV	327°, 51%, 94%
XYZ	51.0534, 34.7506, 49.9157
YIQ	161.5290, 51.4800, 47.2240

Conversions

Conversions Part 2

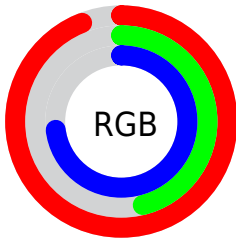
Format	Color
R _Y B	240, 117, 185
Decimal	15758777
CIE Lab	65.55, 54.92, -13.60
CIE LCh	66, 56.576, 346.088
Yxy	34.7506, 0.3762, 0.2560
Android (android.graphics.Color)	4293948857 (0xFFFF075B9)
YUV	161.5290, 11.5712, 68.8191
Hunter-Lab	58.9496, 51.4283, -8.9392

Details

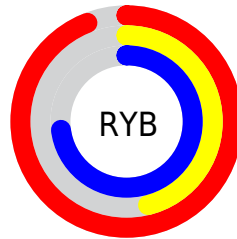
The XYZ color **51.0534, 34.7506, 49.9157** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **45.9442, 69.0816, 49.9455**, and the grayscale version is **34.0546, 35.8281, 39.0168**.

A 20% lighter version of the original color is **72.0608, 57.4980, 90.5193**, and **24.9435, 14.9349, 23.3979** is the 20% darker color. If you saturate the color by 10%, you get **47.5165, 29.4217, 43.3564**, and if you desaturate by 10%, it is **55.3946, 41.5505, 57.1658**.

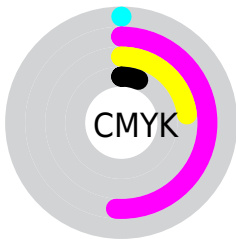
Distribution



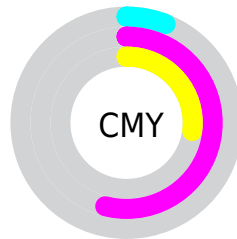
- Red (94%)
- Green (46%)
- Blue (73%)



- Red (94%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (6%)





- Cyan (6%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0534, 34.7506, 49.9157 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 51.0534, 34.7506, 49.9157 by changing the saturation by 10% instead.


 51.0534, 34.7506,
49.9157

 51.0534, 34.7506,
49.9157


381.1555,
323.4661, 403.0618


 36.4723, 23.4708,
34.9757


 90.9162, 67.0992,
91.4450

 24.9710, 14.9415,
23.3608


 116.9287, 88.9369,
118.8713

 16.1841, 8.7784,
14.6523

 147.4823,
115.0626, 151.2969

 9.7462, 4.5969,
8.4318

182.9425,
145.8608, 189.1402

 5.2920, 2.0128,
4.2808

223.6745,
181.7158, 232.8199

 2.4561, 0.6149,
1.7806

270.0438,

 0.8732, 0.0000,

223.0121, 282.7543

0.4151

322.4156,
270.1341, 339.3621

■ 0.0000, 0.0000,
0.0000

■ 51.0534, 34.7506,
49.9157

■ 51.0534, 34.7506,
49.9157

■ 47.5165, 29.4217,
43.3564

■ 55.3946, 41.5505,
57.1658

■ 44.7229, 25.4460,
37.4572

■ 60.5889, 49.9169,
65.1308

■ 42.6076, 22.6961,
32.1874

■ 66.6845, 59.9435,
73.8359

■ 41.0915, 21.0171,
27.5104

■ 73.7251, 71.7148,
83.3042

■ 40.1468, 20.2099,
23.8589

■ 81.7516, 85.3098,
93.5573

■ 88.8557, 96.9095,
103.9673

■ 89.7453, 97.2653,
108.6517

Harmonies

Analogous

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



45.9016, 34.7506, 79.1763



51.0534, 34.7506, 49.9157



50.8442, 34.7506, 26.5400

Triad

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



51.0534, 34.7506, 49.9157



28.8044, 34.7506, 8.7327



23.1575, 34.7506, 81.1988

Complementary

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



51.0534, 34.7506, 49.9157



45.9442, 69.0816, 49.9455

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.



19.9537, 34.7506, 51.9572



51.0534, 34.7506, 49.9157



22.8213, 34.7506, 14.1782

Square

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



51.0534, 34.7506, 49.9157



37.0141, 34.7506, 8.5649



19.8420, 34.7506, 27.8841



29.3414, 34.7506, 101.7390

Rectangle

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



51.0534, 34.7506, 49.9157



47.6658, 34.7506, 16.8074



19.8420, 34.7506, 27.8841



21.7453, 34.7506, 71.6191

Sweetspot

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



51.0544, 34.7523, 49.9164



81.4057, 76.9238, 91.3657



38.7337, 27.5954, 85.7234



17.0578, 15.8522, 19.0636



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.



51.0544, 34.7523, 49.9164



54.5483, 33.7907, 49.7912



46.0123, 32.7354, 23.3647



16.1385, 15.9051, 18.2858



22.0450, 11.0904, 13.4192



1.8840, 0.9426, 1.3799

Inverse Universe

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



51.0544, 34.7523, 49.9164



54.5483, 33.7907, 49.7912



53.0344, 71.9177, 87.2820



16.1385, 15.9051, 18.2858



22.0450, 11.0904, 13.4192



1.8840, 0.9426, 1.3799

Previews

White Background



This preview shows how the XYZ color 51.0534, 34.7506, 49.9157 looks on a white background.

Color Contrast Check

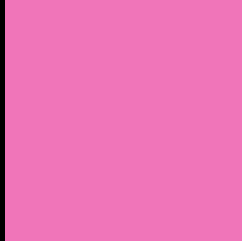
Large Text (above 18pt) WCAG AA × Fail

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 51.0534, 34.7506, 49.9157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

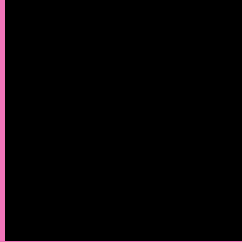
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0534, 34.7506, 49.9157

Background



This preview shows how black text looks on a background with the XYZ color 51.0534, 34.7506, 49.9157.



This preview shows how white text looks on a background with the XYZ color 51.0534, 34.7506,

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

51.0534, 34.7506, 49.9157

Protanopia

35.7387, 35.1871, 67.8589

Deuteranopia

35.5839, 34.8044, 47.4903



Tritanopia

46.2943, 34.6185, 27.5346

Trichromacy



Original Color

51.0534, 34.7506, 49.9157



Protanomaly

39.1924, 33.5404, 60.9082



Deuteranomaly

39.8577, 33.7234, 48.1246



Tritanomaly

47.8407, 34.5035, 34.7102

Monochromacy



Original Color

51.0534, 34.7506, 49.9157



Achromatopsia

34.3422, 36.1307, 39.3463



Achromatomaly

38.7698, 34.4072, 42.6281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0534, 34.7506, 49.9157 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(240, 117, 185)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 185)  
}
```

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(240, 117, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 185) }
```

Border

The CSS property to change the border of an element to XYZ 51.0534, 34.7506, 49.9157 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(240, 117, 185) }
```


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

```
.border{ border-color:rgb(240, 117, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 117, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 185);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0534, 34.7506, 49.9157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 185) }
```

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

```
.background{ background-color: rgb(240,  
117, 185) }
```

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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