

Converting Colors

XYZ(51.4904, 35.4313, 50.5193)

Have a look what the booklet for
XYZ(51.4904, 35.4313, 50.5193)
contains.

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Color

**XYZ(51.5146, 35.5034,
50.5921)**

Conversions

Conversions Part 1

Format	Color
Hex	F078BA
RGB	240, 120, 186
RGB Percent	94%, 47%, 73%
CMY	0.0588, 0.5294, 0.2706
CMYK	0.00, 0.50, 0.22, 0.06
HSL	327°, 80%, 71%
HSV	327°, 50%, 94%
XYZ	51.5146, 35.5034, 50.5921
YIQ	163.4040, 50.3340, 45.9660

Conversions

Conversions Part 2

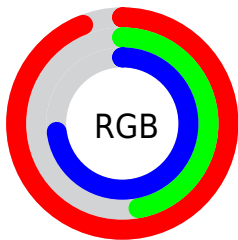
Format	Color
R _Y B	240, 120, 186
Decimal	15759546
CIE Lab	66.14, 53.62, -13.29
CIE LCh	66, 55.238, 346.080
Yxy	35.5034, 0.3744, 0.2580
Android (android.graphics.Color)	4293949626 (0xFFFF078BA)
YUV	163.4040, 11.1398, 67.1747
Hunter-Lab	59.5847, 50.0508, -8.6325

Details

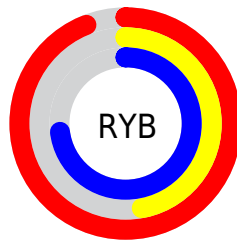
The XYZ color **51.5146, 35.5034, 50.5921** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.5475, 69.3703, 50.9843**, and the grayscale version is **34.9372, 36.7566, 40.0279**.

A 20% lighter version of the original color is **72.7923, 58.7215, 91.5022**, and **25.1800, 15.2978, 23.8159** is the 20% darker color. If you saturate the color by 10%, you get **47.8764, 29.9953, 43.9269**, and if you desaturate by 10%, it is **55.9649, 42.4961, 57.9569**.

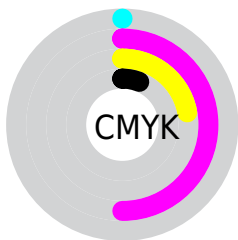
Distribution



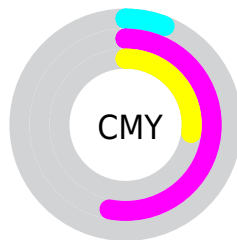
- Red (94%)
- Green (47%)
- Blue (73%)



- Red (94%)
- Yellow (47%)
- Blue (73%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (6%)





- Cyan (6%)
- Magenta (53%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5146, 35.5034, 50.5921 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 51.5146, 35.5034, 50.5921 by changing the saturation by 10% instead.


 51.5146, 35.5034,
50.5921

 51.5146, 35.5034,
50.5921

382.9146,
326.7848, 405.7781


 36.8410, 24.0509,
35.5096


 91.5935, 68.2649,
92.4569

 25.2575, 15.3714,
23.7690


 117.7294, 90.3427,
120.0762

 16.3988, 9.0804,
14.9518

 148.4169,
116.7310, 152.7116

 9.8994, 4.7937,
8.6393

184.0213,
147.8143, 190.7816

 5.3941, 2.1267,
4.4131

224.9079,
183.9769, 234.7047

 2.5174, 0.6796,
1.8546

271.4421,

 0.9040, 0.0000,

225.6033, 284.8995

0.4636

323.9892,
273.0777, 341.7844

■ 0.0000, 0.0000,
0.0000

■ 51.5146, 35.5034,
50.5921

■ 51.5146, 35.5034,
50.5921

■ 47.8764, 29.9953,
43.9269

■ 55.9649, 42.4961,
57.9569

■ 44.9902, 25.8558,
37.9309

■ 61.2755, 51.0677,
66.0455

■ 42.7920, 22.9596,
32.5733

■ 67.4942, 61.3107,
74.8829

■ 41.2048, 21.1560,
27.8184

■ 74.6642, 73.3092,
84.4922

■ 40.1002, 20.1914,
23.6129

■ 82.8262, 87.1412,
94.8953

■ 40.0999, 20.1912,
23.6118

■ 89.0771, 96.9980,
105.1325

■ 89.7454, 97.2654,
108.6517

Harmonies

Analogous

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



46.4484, 35.5034, 79.2893



51.5146, 35.5034, 50.5921



51.3105, 35.5034, 27.4329

Triad

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



51.5146, 35.5034, 50.5921



29.5564, 35.5034, 9.4473



23.9318, 35.5034, 81.2520

Complementary

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



51.5146, 35.5034, 50.5921



46.5475, 69.3703, 50.9843

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.



20.7297, 35.5034, 52.5887



51.5146, 35.5034, 50.5921



23.5986, 35.5034, 15.0038

Square

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



51.5146, 35.5034, 50.5921



37.6890, 35.5034, 9.2758



20.6186, 35.5034, 28.7644



30.0861, 35.5034, 101.2840

Rectangle

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



51.5146, 35.5034, 50.5921



48.1873, 35.5034, 17.6685



20.6186, 35.5034, 28.7644



22.5217, 35.5034, 71.8844

Sweetspot

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



51.5157, 35.5051, 50.5928



81.3897, 76.9174, 91.2815



39.9020, 28.7250, 85.8799



17.0539, 15.8506, 19.0433



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.



51.5157, 35.5051, 50.5928



54.8699, 34.3142, 50.2675



46.4190, 33.4665, 23.7540



16.1366, 15.9043, 18.2755



22.0193, 11.0801, 13.2839



1.8819, 0.9418, 1.3688

Inverse Universe

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



51.5157, 35.5051, 50.5928



54.8699, 34.3142, 50.2675



53.7583, 72.2546, 88.9557



16.1366, 15.9043, 18.2755



22.0193, 11.0801, 13.2839



1.8819, 0.9418, 1.3688

Previews

White Background



This preview shows how the XYZ color 51.5146, 35.5034, 50.5921 looks on a white background.

Color Contrast Check

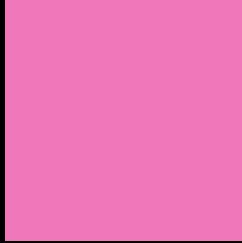
Large Text (above 18pt) WCAG AA × Fail

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 51.5146, 35.5034, 50.5921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

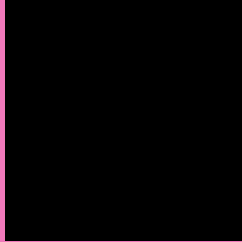
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5146, 35.5034, 50.5921

Background



This preview shows how black text looks on a background with the XYZ color 51.5146, 35.5034, 50.5921.



This preview shows how white text looks on a background with the XYZ color 51.5146, 35.5034,

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

51.5146, 35.5034, 50.5921

Protanopia

36.2624, 35.7114, 67.9325

Deuteranopia

36.4436, 35.7341, 48.1566



Tritanopia

46.9038, 35.4915, 28.8045

Trichromacy



Original Color

51.5146, 35.5034, 50.5921



Protanomaly

39.7273, 34.2659, 61.0200



Deuteranomaly

40.6649, 34.7933, 48.8285



Tritanomaly

48.3867, 35.3265, 35.7209

Monochromacy



Original Color

51.5146, 35.5034, 50.5921



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.2703, 34.8841, 43.1916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5146, 35.5034, 50.5921 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, 120, 186)` looks like.

```
.text, #text, p{  
    color:rgb(240, 120, 186)  
}
```

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, 120, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 120, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.5146, 35.5034, 50.5921 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, 120, 186) }
```


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

```
.border{ border-color:rgb(240, 120, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 120, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 120, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 120, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 120,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5146, 35.5034, 50.5921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 120, 186) }
```

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

```
.background{ background-color: rgb(240,  
120, 186) }
```

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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