

Converting Colors

XYZ(52.1100, 35.4938, 50.6944)

Have a look what the booklet for
XYZ(52.1100, 35.4938, 50.6944)
contains.

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Color

**XYZ(51.9593, 35.3793,
50.5447)**

Conversions

Conversions Part 1

Format	Color
Hex	F276BA
RGB	242, 118, 186
RGB Percent	95%, 46%, 73%
CMY	0.0510, 0.5372, 0.2706
CMYK	0.00, 0.51, 0.23, 0.05
HSL	327°, 83%, 71%
HSV	327°, 51%, 95%
XYZ	51.9593, 35.3793, 50.5447
YIQ	162.8280, 52.0760, 47.4360

Conversions

Conversions Part 2

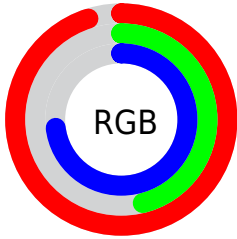
Format	Color
R _Y B	242, 118, 186
Decimal	15890106
CIE Lab	66.04, 55.20, -13.41
CIE LCh	66, 56.803, 346.350
Yxy	35.3793, 0.3768, 0.2566
Android (android.graphics.Color)	4294080186 (0xFFFF276BA)
YUV	162.8280, 11.4238, 69.4338
Hunter-Lab	59.4805, 51.8381, -8.7465

Details

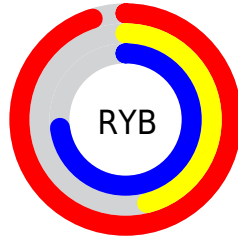
The XYZ color **51.9593, 35.3793, 50.5447** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **46.8651, 70.4128, 51.1688**, and the grayscale version is **34.6635, 36.4687, 39.7144**.

A 20% lighter version of the original color is **72.4031, 57.9429, 91.3724**, and **25.5396, 15.3157, 23.8005** is the 20% darker color. If you saturate the color by 10%, you get **48.3485, 29.9464, 43.8261**, and if you desaturate by 10%, it is **56.3920, 42.3130, 57.9765**.

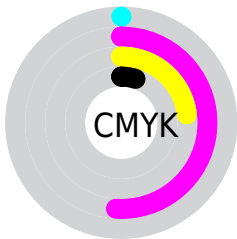
Distribution



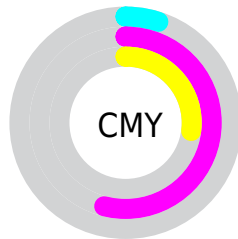
- Red (95%)
- Green (46%)
- Blue (73%)



- Red (95%)
- Yellow (46%)
- Blue (73%)



- Cyan (0%)
- Magenta (51%)
- Yellow (23%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9593, 35.3793, 50.5447 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 51.9593, 35.3793, 50.5447 by changing the saturation by 10% instead.


 51.9593, 35.3793,
50.5447


 51.9593, 35.3793,
50.5447

384.6060,
326.2394, 405.5882


 37.1968, 23.9552,
35.4722

 92.2458, 68.0729,
92.3860

 25.5343, 15.3004,
23.7404


 118.5005, 90.1113,
119.9919

 16.6064, 9.0305,
14.9307


 149.3166,
116.4565, 152.6126

 10.0478, 4.7611,
8.6247

185.0595,
147.4930, 190.6667

 5.4932, 2.1078,
4.4038

226.0945,
183.6051, 234.5728

 2.5771, 0.6690,
1.8494

272.7870,

 0.9343, 0.0000,

225.1773, 284.7494

0.4602

325.5024,
272.5939, 341.6150

■ 0.0000, 0.0000,
0.0000

■ 51.9593, 35.3793,
50.5447

■ 51.9593, 35.3793,
50.5447

■ 48.3485, 29.9464,
43.8261

■ 56.3920, 42.3130,
57.9765

■ 45.4974, 25.8941,
37.7891

■ 61.6964, 50.8452,
66.1465

■ 43.3394, 23.0922,
32.4019

■ 67.9218, 61.0712,
75.0806

■ 41.7938, 21.3828,
27.6270

■ 75.1129, 73.0774,
84.8027

■ 40.8314, 20.5626,
23.9004

■ 83.3114, 86.9444,
95.3351

89.8820, 97.3989,
105.8079

90.4281, 97.6173,
108.6837

Harmonies

Analogous

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



46.7673, 35.3793, 80.2547



51.9593, 35.3793, 50.5447



51.6957, 35.3793, 26.8794

Triad

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



51.9593, 35.3793, 50.5447



29.2686, 35.3793, 8.9461



23.6362, 35.3793, 82.8030

Complementary

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



51.9593, 35.3793, 50.5447



46.8651, 70.4128, 51.1688

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.



20.3514, 35.3793, 53.1182



51.9593, 35.3793, 50.5447



23.2120, 35.3793, 14.5476

Square

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



51.9593, 35.3793, 50.5447



37.5979, 35.3793, 8.7340



20.2104, 35.3793, 28.5752



29.9460, 35.3793, 103.5061

Rectangle

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



51.9593, 35.3793, 50.5447



48.4394, 35.3793, 17.0431



20.2104, 35.3793, 28.5752



22.1915, 35.3793, 73.0949

Sweetspot

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



51.9604, 35.3810, 50.5454



81.3807, 76.9138, 91.2339



39.9183, 28.3455, 87.3720



17.0517, 15.8498, 19.0319



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.



51.9604, 35.3810, 50.5454



54.4750, 33.7613, 49.4052



46.7485, 33.2963, 23.1003



16.1355, 15.9039, 18.2697



22.0048, 11.0743, 13.2076



1.8807, 0.9413, 1.3626

Inverse Universe

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



51.9604, 35.3810, 50.5454



54.4750, 33.7613, 49.4052



54.3358, 73.4011, 90.5092



16.1355, 15.9039, 18.2697



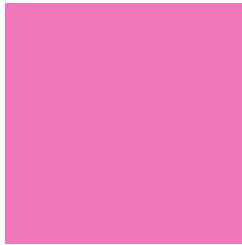
22.0048, 11.0743, 13.2076



1.8807, 0.9413, 1.3626

Previews

White Background



This preview shows how the XYZ color 51.9593, 35.3793, 50.5447 looks on a white background.

Color Contrast Check

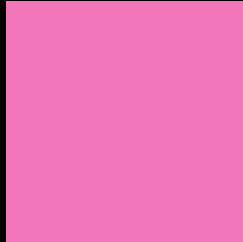
Large Text (above 18pt) WCAG AA × Fail

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 51.9593, 35.3793, 50.5447 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 51.9593, 35.3793, 50.5447

Background



This preview shows how black text looks on a background with the XYZ color 51.9593, 35.3793, 50.5447.



This preview shows how white text looks on a background with the XYZ color 51.9593, 35.3793,

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

51.9593, 35.3793, 50.5447

Protanopia

36.3898, 35.7623, 68.6032

Deuteranopia

36.4436, 35.7341, 48.1566



Tritanopia

47.1596, 35.2490, 27.9851

Trichromacy



Original Color

51.9593, 35.3793, 50.5447



Protanomaly

39.9284, 34.1299, 61.6100



Deuteranomaly

40.7716, 34.6244, 48.7903



Tritanomaly

48.7206, 35.1326, 35.2238

Monochromacy



Original Color

51.9593, 35.3793, 50.5447



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.5226, 35.0142, 43.2034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9593, 35.3793, 50.5447 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(242, 118, 186)` looks like.

```
.text, #text, p{  
    color:rgb(242, 118, 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(242, 118, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 118, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.9593, 35.3793, 50.5447 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(242, 118, 186) }
```


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

```
.border{ border-color:rgb(242, 118, 186) }
```

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

Here you see how a box with a 4 pixel rgb(242, 118, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 118, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 118, 186);  
box-shadow:4px 4px 4px 4px rgb(242, 118,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9593, 35.3793, 50.5447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 118, 186) }
```

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

```
.background{ background-color: rgb(242,  
118, 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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