

Converting Colors

XYZ(53.4494, 37.9579, 50.6166)

Have a look what the booklet for
XYZ(53.4494, 37.9579, 50.6166)
contains.

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Color

**XYZ(53.4383, 37.9958,
50.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	F380B9
RGB	243, 128, 185
RGB Percent	95%, 50%, 73%
CMY	0.0471, 0.4980, 0.2745
CMYK	0.00, 0.47, 0.24, 0.05
HSL	330°, 83%, 73%
HSV	330°, 47%, 95%
XYZ	53.4383, 37.9958, 50.4164
YIQ	168.8830, 50.2430, 42.1070

Conversions

Conversions Part 2

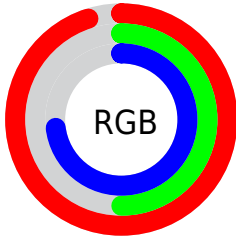
Format	Color
R _Y B	243, 128, 185
Decimal	15958201
CIE Lab	68.02, 50.53, -9.87
CIE LCh	68, 51.485, 348.948
Yxy	37.9958, 0.3767, 0.2679
Android (android.graphics.Color)	4294148281 (0xFFFF380B9)
YUV	168.8830, 7.9457, 65.0006
Hunter-Lab	61.6407, 46.8760, -5.3452

Details

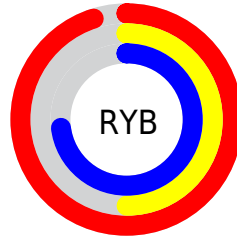
The XYZ color **53.4383, 37.9958, 50.4164** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **49.8174, 72.2366, 57.7753**, and the grayscale version is **37.6000, 39.5581, 43.0788**.

A 20% lighter version of the original color is **74.0507, 61.4778, 91.1826**, and **26.3808, 16.7538, 23.6732** is the 20% darker color. If you saturate the color by 10%, you get **49.4013, 31.9037, 42.9600**, and if you desaturate by 10%, it is **58.3479, 45.6539, 58.7147**.

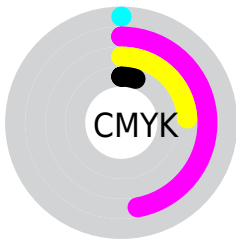
Distribution



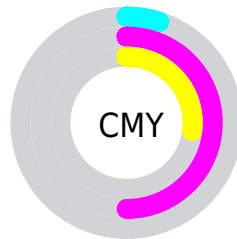
- Red (95%)
- Green (50%)
- Blue (73%)



- Red (95%)
- Yellow (50%)
- Blue (73%)



- Cyan (0%)
- Magenta (47%)
- Yellow (24%)
- Black (5%)





- Cyan (5%)
- Magenta (50%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4383, 37.9958, 50.4164 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 53.4383, 37.9958, 50.4164 by changing the saturation by 10% instead.


 53.4383, 37.9958,
50.4164

 53.4383, 37.9958,
50.4164


390.1978,
337.6020, 405.0737


 38.3817, 25.9794,
35.3709

 94.4107, 72.1017,
92.1942

 26.4576, 16.8083,
23.6629


 121.0573, 94.9600,
119.7635

 17.3008, 10.0979,
14.8738


 152.2978,
122.2011, 152.3445

 10.5458, 5.4639,
8.5853

188.4977,
154.2094, 190.3558

 5.8273, 2.5219,
4.3786

230.0222,
191.3692, 234.2157

 2.7800, 0.8876,
1.8352

277.2369,

 1.0385, 0.0000,

234.0650, 284.3430

0.4510

330.5070,
282.6811, 341.1562

■ 0.0000, 0.0000,
0.0000

■ 53.4383, 37.9958,
50.4164

■ 53.4383, 37.9958,
50.4164

■ 49.4013, 31.9037,
42.9600

■ 58.3479, 45.6539,
58.7147

■ 46.1757, 27.2608,
36.3103

■ 64.1792, 54.9728,
67.8836

■ 43.6973, 23.9428,
30.4317

■ 70.9812, 66.0462,
77.9525

■ 41.8895, 21.8016,
25.2839

■ 78.7985, 78.9591,
88.9489

■ 40.6533, 20.6442,
20.8180

■ 87.6728, 93.7910,
100.8986

■ 40.3792, 20.4215,
19.7225

■ 90.7723, 97.7948,
108.6998

Harmonies

Analogous

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



49.0191, 37.9958, 77.6296



53.4383, 37.9958, 50.4164



52.7286, 37.9958, 28.6367

Triad

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



53.4383, 37.9958, 50.4164



31.3398, 37.9958, 12.1028



26.9133, 37.9958, 84.3493

Complementary

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



53.4383, 37.9958, 50.4164



49.8174, 72.2366, 57.7753

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.



23.4169, 37.9958, 57.4114



53.4383, 37.9958, 50.4164



25.6993, 37.9958, 18.6367

Square

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



53.4383, 37.9958, 50.4164



39.1477, 37.9958, 11.4231



23.0080, 37.9958, 33.4778



33.2409, 37.9958, 101.5232

Rectangle

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



53.4383, 37.9958, 50.4164



49.4661, 37.9958, 19.3754



23.0080, 37.9958, 33.4778



25.4106, 37.9958, 75.7574

Sweetspot

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



53.4394, 37.9977, 50.4171



81.9350, 78.1938, 90.8906



44.0271, 32.2882, 88.7062



17.1486, 16.0968, 18.8998



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.



53.4394, 37.9977, 50.4171



55.1897, 35.7011, 48.0702



48.5791, 36.0535, 24.8230



16.8416, 16.6195, 18.9124



22.2294, 11.2352, 11.1822



2.0056, 1.0082, 1.2557

Inverse Universe

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



53.4394, 37.9977, 50.4171



55.1897, 35.7011, 48.0702



57.1316, 75.1623, 96.2911



16.8416, 16.6195, 18.9124



22.2294, 11.2352, 11.1822



2.0056, 1.0082, 1.2557

Previews

White Background



This preview shows how the XYZ color 53.4383, 37.9958, 50.4164 looks on a white background.

Color Contrast Check

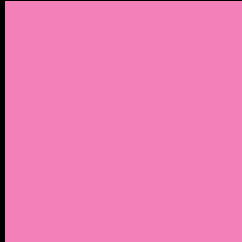
Large Text (above 18pt) WCAG AA × Fail

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 53.4383, 37.9958, 50.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

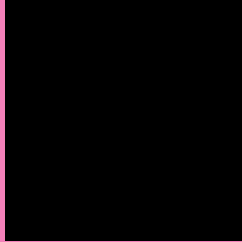
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4383, 37.9958, 50.4164

Background



This preview shows how black text looks on a background with the XYZ color 53.4383, 37.9958, 50.4164.



This preview shows how white text looks on a background with the XYZ color 53.4383, 37.9958,

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

53.4383, 37.9958, 50.4164

Protanopia

38.3017, 38.1229, 65.6613

Deuteranopia

38.7860, 37.9745, 47.9334



Tritanopia

49.5891, 38.0344, 31.9219

Trichromacy



Original Color

53.4383, 37.9958, 50.4164



Protanomaly

41.9855, 36.8681, 59.5470



Deuteranomaly

42.9074, 37.1104, 48.6176



Tritanomaly

50.6679, 37.8384, 37.8908

Monochromacy



Original Color

53.4383, 37.9958, 50.4164



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

42.0584, 37.9421, 45.6643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4383, 37.9958, 50.4164 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(243, 128, 185)` looks like.

```
.text, #text, p{  
    color:rgb(243, 128, 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(243, 128, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 128, 185) }
```

Border

The CSS property to change the border of an element to XYZ 53.4383, 37.9958, 50.4164 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(243, 128, 185) }
```


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

```
.border{ border-color:rgb(243, 128, 185) }
```

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

Here you see how a box with a 4 pixel rgb(243, 128, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 128, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 128, 185);  
box-shadow:4px 4px 4px 4px rgb(243, 128,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4383, 37.9958, 50.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 128, 185) }
```

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

```
.background{ background-color: rgb(243,  
128, 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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