

Converting Colors

XYZ(53.4506, 38.4973, 49.1683)

Have a look what the booklet for
XYZ(53.4506, 38.4973, 49.1683)
contains.

XYZ(53.4920, 38.4388, 49.3998)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.4920, 38.4388,
49.3998)**

Conversions

Conversions Part 1

Format	Color
Hex	F382B7
RGB	243, 130, 183
RGB Percent	95%, 51%, 72%
CMY	0.0471, 0.4902, 0.2824
CMYK	0.00, 0.46, 0.25, 0.05
HSL	332°, 82%, 73%
HSV	332°, 46%, 95%
XYZ	53.4920, 38.4388, 49.3998
YIQ	169.8290, 50.3350, 40.4390

Conversions

Conversions Part 2

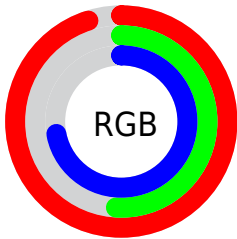
Format	Color
R _Y B	243, 130, 183
Decimal	15958711
CIE Lab	68.34, 49.27, -8.26
CIE LCh	68, 49.955, 350.480
Yxy	38.4388, 0.3785, 0.2720
Android (android.graphics.Color)	4294148791 (0xFFFF382B7)
YUV	169.8290, 6.4933, 64.1710
Hunter-Lab	61.9990, 45.5093, -3.8420

Details

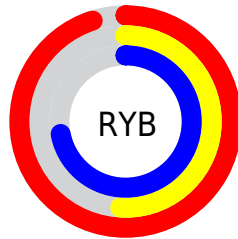
The XYZ color **53.4920, 38.4388, 49.3998** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **50.5526, 72.5658, 60.0609**, and the grayscale version is **38.0756, 40.0585, 43.6237**.

A 20% lighter version of the original color is **74.1689, 62.1899, 89.7561**, and **26.3809, 16.9709, 23.0044** is the 20% darker color. If you saturate the color by 10%, you get **49.3511, 32.2084, 41.6943**, and if you desaturate by 10%, it is **58.5214, 46.2484, 58.0097**.

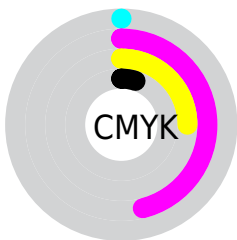
Distribution



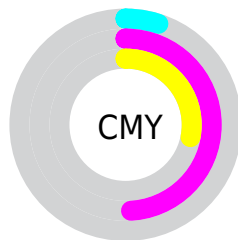
- Red (95%)
- Green (51%)
- Blue (72%)



- Red (95%)
- Yellow (51%)
- Blue (72%)



- Cyan (0%)
- Magenta (46%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (49%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4920, 38.4388, 49.3998 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 53.4920, 38.4388, 49.3998 by changing the saturation by 10% instead.


 53.4920, 38.4388,
49.3998

 53.4920, 38.4388,
49.3998


390.3999,
339.4986, 400.9817


 38.4247, 26.3234,
34.5689

 94.4892, 72.7802,
90.6721

 26.4912, 17.0658,
23.0501


 121.1499, 95.7750,
117.9505

 17.3261, 10.2814,
14.4248


 152.4057,
123.1651, 150.2153

 10.5640, 5.5859,
8.2746

188.6221,
155.3349, 187.8848

 5.8396, 2.5950,
4.1809

230.1643,
192.6687, 231.3777

 2.7875, 0.9241,
1.7251

277.3978,

 1.0424, 0.0000,

235.5510, 281.1124

0.3778

330.6879,
284.3662, 337.5076

■ 0.0000, 0.0000,
0.0000

■ 53.4920, 38.4388,
49.3998

■ 53.4920, 38.4388,
49.3998

■ 49.3511, 32.2084,
41.6943

■ 58.5214, 46.2484,
58.0097

■ 46.0374, 27.4412,
34.8555

■ 64.4884, 55.7314,
67.5549

■ 43.4870, 24.0141,
28.8454

■ 71.4422, 66.9809,
78.0673

■ 41.6239, 21.7810,
23.6210

■ 79.4276, 80.0819,
89.5762

■ 40.3535, 20.5590,
19.1322

■ 88.4864, 95.1135,
102.1098

■ 39.9977, 20.2689,
17.7141

■ 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.



49.4278, 38.4388, 75.7376



53.4920, 38.4388, 49.3998



52.5377, 38.4388, 28.5030

Triad

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



53.4920, 38.4388, 49.3998



31.5147, 38.4388, 13.0553



27.7647, 38.4388, 84.7221

Complementary

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



53.4920, 38.4388, 49.3998



50.5526, 72.5658, 60.0609

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.



24.1644, 38.4388, 58.8314



53.4920, 38.4388, 49.3998



26.1050, 38.4388, 19.9689

Square

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



53.4920, 38.4388, 49.3998



39.0828, 38.4388, 12.0989



23.6036, 38.4388, 35.1174



34.1003, 38.4388, 100.4313

Rectangle

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



53.4920, 38.4388, 49.3998



49.2295, 38.4388, 19.6325



23.6036, 38.4388, 35.1174



26.2349, 38.4388, 76.5633

Sweetspot

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



53.4931, 38.4407, 49.4005



81.7965, 78.1384, 90.1610



44.9957, 33.1786, 88.8270



17.1149, 16.0833, 18.7225



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.



53.4931, 38.4407, 49.4005



55.2105, 36.1542, 46.8083



49.2283, 37.1393, 25.6953



16.8226, 16.6119, 18.8125



22.0189, 11.1510, 10.0740



1.9867, 1.0006, 1.1564

Inverse Universe

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



53.4931, 38.4407, 49.4005



55.2105, 36.1542, 46.8083



56.8746, 74.1974, 96.1183



16.8226, 16.6119, 18.8125



22.0189, 11.1510, 10.0740



1.9867, 1.0006, 1.1564

Previews

White Background



This preview shows how the XYZ color 53.4920, 38.4388, 49.3998 looks on a white background.

Color Contrast Check

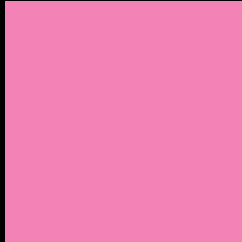
Large Text (above 18pt) WCAG AA × Fail

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 53.4920, 38.4388, 49.3998 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 53.4920, 38.4388, 49.3998

Background



This preview shows how black text looks on a background with the XYZ color 53.4920, 38.4388, 49.3998.



This preview shows how white text looks on a background with the XYZ color 53.4920, 38.4388,

49.3998.

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

53.4920, 38.4388, 49.3998

Protanopia

38.6963, 38.6356, 63.8104

Deuteranopia

39.3163, 38.5200, 47.4824



Tritanopia

49.8087, 38.3486, 32.3806

Trichromacy



Original Color

53.4920, 38.4388, 49.3998



Protanomaly

42.4075, 37.3525, 58.4007



Deuteranomaly

43.5017, 37.6645, 48.1572



Tritanomaly

50.8054, 38.1135, 37.9366

Monochromacy



Original Color

53.4920, 38.4388, 49.3998



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.4852, 38.4082, 45.7317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4920, 38.4388, 49.3998 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, 130, 183)` looks like.

```
.text, #text, p{  
    color:rgb(243, 130, 183)  
}
```

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, 130, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 130, 183) }
```

Border

The CSS property to change the border of an element to XYZ 53.4920, 38.4388, 49.3998 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, 130, 183) }
```


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

```
.border{ border-color:rgb(243, 130, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 130, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 130, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 130, 183);  
box-shadow:4px 4px 4px 4px rgb(243, 130,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4920, 38.4388, 49.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 130, 183) }
```

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

```
.background{ background-color: rgb(243,  
130, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor