

Converting Colors

XYZ(56.0346, 38.9630, 48.3147)

Have a look what the booklet for
XYZ(56.0346, 38.9630, 48.3147)
contains.

XYZ(55.9462, 38.9534, 48.2861)	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(55.9462, 38.9534,
48.2861)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7EB5
RGB	252, 126, 181
RGB Percent	99%, 49%, 71%
CMY	0.0118, 0.5059, 0.2902
CMYK	0.00, 0.50, 0.28, 0.01
HSL	334°, 95%, 74%
HSV	334°, 50%, 99%
XYZ	55.9462, 38.9534, 48.2861
YIQ	169.9440, 57.4410, 43.8170

Conversions

Conversions Part 2

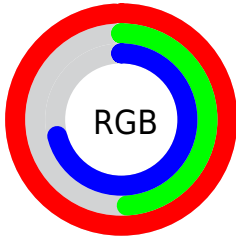
Format	Color
R _Y B	252, 126, 181
Decimal	16547509
CIE Lab	68.72, 53.87, -6.45
CIE LCh	69, 54.256, 353.170
Yxy	38.9534, 0.3907, 0.2720
Android (android.graphics.Color)	4294737589 (0xFFFC7EB5)
YUV	169.9440, 5.4506, 71.9631
Hunter-Lab	62.4127, 50.7838, -2.1814

Details

The XYZ color **55.9462, 38.9534, 48.2861** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.4946, 78.0886, 65.0806**, and the grayscale version is **38.1356, 40.1216, 43.6924**.

A 20% lighter version of the original color is **73.2540, 60.8303, 88.0013**, and **27.8877, 17.2715, 22.2860** is the 20% darker color. If you saturate the color by 10%, you get **51.7365, 32.7481, 40.0566**, and if you desaturate by 10%, it is **61.1181, 46.8448, 57.5699**.

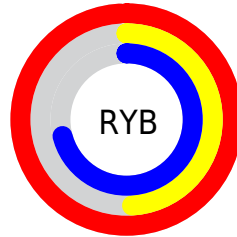
Distribution



Red (99%)

Green (49%)

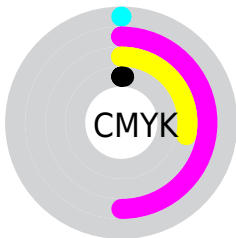
Blue (71%)



Red (99%)

Yellow (49%)

Blue (71%)

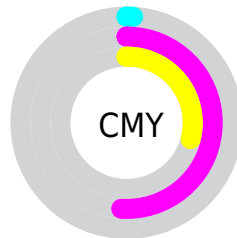


Cyan (0%)

Magenta (50%)

Yellow (28%)

Black (1%)



Cyan (1%)


Magenta (51%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9462, 38.9534, 48.2861 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 55.9462, 38.9534, 48.2861 by changing the saturation by 10% instead.

 55.9462, 38.9534,
48.2861


 55.9462, 38.9534,
48.2861

399.5670,
341.6923, 396.4664


 40.3966, 26.7235,
33.6919


 98.0662, 73.5671,
89.0002

 28.0335, 17.3657,
22.3816


 125.3673, 96.7197,
115.9572

 18.4915, 10.4955,
13.9366


 157.3163,
124.2820, 147.8722

 11.4053, 5.7287,
7.9383

194.2785,
156.6383, 185.1638

 6.4094, 2.6808,
3.9683

236.6194,
194.1731, 228.2504

 3.1386, 0.9675,
1.6080

284.7042,

 1.2275, 0.0000,

237.2708, 277.5507

0.2965

338.8983,
286.3157, 333.4832

■ 0.1279, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.9462, 38.9534,
48.2861

■ 55.9462, 38.9534,
48.2861

■ 51.7365, 32.7481,
40.0566

■ 61.1181, 46.8448,
57.5699

■ 48.4191, 28.0971,
32.8351

■ 67.3088, 56.5296,
67.9467

■ 45.9194, 24.8582,
26.5742

■ 74.5742, 68.1129,
79.4556

■ 44.1476, 22.8599,
21.2200

■ 82.9652, 81.6900,
92.1327

■ 42.9593, 21.8214,
16.6988

■ 92.5291, 97.3496,
106.0126

■ 42.9590, 21.8211,
16.6975

■ 93.9549, 99.4355,
108.8488

Harmonies

Analogous

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



51.8666, 38.9534, 77.5218



55.9462, 38.9534, 48.2861



54.3627, 38.9534, 26.4026

Triad

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



55.9462, 38.9534, 48.2861



30.9029, 38.9534, 12.1115



27.9864, 38.9534, 92.6067

Complementary

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



55.9462, 38.9534, 48.2861



53.4946, 78.0886, 65.0806

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.



23.8302, 38.9534, 63.8605



55.9462, 38.9534, 48.2861



25.3233, 38.9534, 19.9222

Square

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



55.9462, 38.9534, 48.2861



39.0214, 38.9534, 10.6654



22.9366, 38.9534, 37.0377



35.0960, 38.9534, 108.7772

Rectangle

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



55.9462, 38.9534, 48.2861



50.4115, 38.9534, 17.5990



22.9366, 38.9534, 37.0377



26.2451, 38.9534, 83.6637

Sweetspot

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



55.9473, 38.9553, 48.2868



80.7602, 76.6656, 87.9662



47.6167, 33.5945, 96.0703



16.9026, 15.7901, 18.2463



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.



55.9473, 38.9553, 48.2868



53.1323, 33.6191, 41.1174



52.2043, 38.7880, 24.4766



17.5592, 17.3511, 19.5348



22.4488, 11.3952, 9.0717



2.1313, 1.0763, 1.1150

Inverse Universe

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



55.9473, 38.9553, 48.2868



53.1323, 33.6191, 41.1174



59.0407, 77.1940, 103.8837



17.5592, 17.3511, 19.5348



22.4488, 11.3952, 9.0717



2.1313, 1.0763, 1.1150

Previews

White Background



This preview shows how the XYZ color 55.9462, 38.9534, 48.2861 looks on a white background.

Color Contrast Check

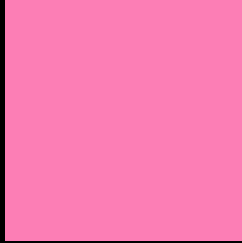
Large Text (above 18pt) WCAG AA × Fail

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 55.9462, 38.9534, 48.2861 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 55.9462, 38.9534, 48.2861

Background



This preview shows how black text looks on a background with the XYZ color 55.9462, 38.9534, 48.2861.



This preview shows how white text looks on a background with the XYZ color 55.9462, 38.9534,

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

55.9462, 38.9534, 48.2861

Protanopia

39.1968, 39.1484, 64.5220

Deuteranopia

39.8911, 39.1133, 46.0046



Tritanopia

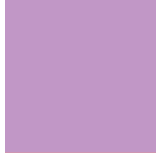
52.4124, 38.8980, 30.7322

Trichromacy



Original Color

55.9462, 38.9534, 48.2861



Protanomaly

43.2520, 37.5479, 58.3939



Deuteranomaly

44.5743, 38.2524, 46.6291



Tritanomaly

53.4928, 38.7236, 36.5533

Monochromacy



Original Color

55.9462, 38.9534, 48.2861



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.0150, 38.4466, 45.1982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9462, 38.9534, 48.2861 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(252, 126, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 126, 181)  
}
```

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(252, 126, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 126, 181) }
```

Border

The CSS property to change the border of an element to XYZ 55.9462, 38.9534, 48.2861 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(252, 126, 181) }
```


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

```
.border{ border-color:rgb(252, 126, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 126, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 126, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 126, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 126,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9462, 38.9534, 48.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 126, 181) }
```

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

```
.background{ background-color: rgb(252,  
126, 181) }
```

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