

Converting Colors

XYZ(44.2651, 38.7491, 54.1993)

Have a look what the booklet for
XYZ(44.2651, 38.7491, 54.1993)
contains.

XYZ(44.3484, 38.6862, 54.4200)	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(44.3484, 38.6862,
54.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	C799BF
RGB	199, 153, 191
RGB Percent	78%, 60%, 75%
CMY	0.2196, 0.4000, 0.2510
CMYK	0.00, 0.23, 0.04, 0.22
HSL	310°, 29%, 69%
HSV	310°, 23%, 78%
XYZ	44.3484, 38.6862, 54.4200
YIQ	171.0860, 15.2180, 21.5700

Conversions

Conversions Part 2

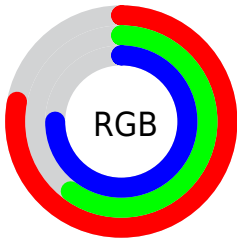
Format	Color
R_{YB}	199, 153, 191
Decimal	13081023
CIE _{Lab}	68.52, 23.48, -12.99
CIE _{LCh}	69, 26.836, 331.051
Yxy	38.6862, 0.3226, 0.2814
Android (android.graphics.Color)	4291271103 (0xFFC799BF)
YUV	171.0860, 9.8176, 24.4806
Hunter-Lab	62.1982, 18.4266, -8.3367

Details

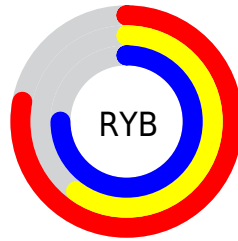
The XYZ color **44.3484, 38.6862, 54.4200** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9949, 50.1935, 41.3008**, and the grayscale version is **38.6998, 40.7152, 44.3388**.

A 20% lighter version of the original color is **80.5844, 73.0872, 97.8557**, and **21.0159, 17.3575, 26.2874** is the 20% darker color. If you saturate the color by 10%, you get **40.9829, 32.5570, 51.4413**, and if you desaturate by 10%, it is **48.2684, 45.9088, 57.6288**.

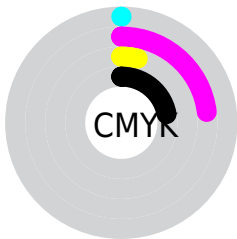
Distribution



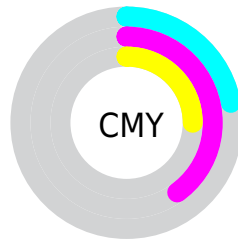
- Red (78%)
- Green (60%)
- Blue (75%)



- Red (78%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (23%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.3484, 38.6862, 54.4200 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 44.3484, 38.6862, 54.4200 by changing the saturation by 10% instead.

 44.3484, 38.6862,
54.4200


 44.3484, 38.6862,
54.4200


354.9564,
340.5545, 420.9294

 31.1436, 26.5157,
38.5421


 80.9848, 73.1587,
98.1533

 20.8606, 17.2098,
26.0986


 105.1472, 96.2295,
126.8457

 13.1340, 10.3842,
16.6710


133.6928,
123.7025, 160.6467

 7.5985, 5.6544,
9.8407

166.9869,
155.9621, 199.9748

 3.8888, 2.6361,
5.1893

205.3950,
193.3927, 245.2486

 1.6394, 0.9449,
2.2981

249.2823,

 0.4179, 0.0000,

236.3787, 296.8866

0.7301

299.0144,
285.3045, 355.3074

■ 0.0000, 0.0000,
0.0000

■ 44.3484, 38.6862,
54.4200

■ 44.3484, 38.6862,
54.4200

■ 40.9829, 32.5570,
51.4413

■ 48.2684, 45.9088,
57.6288

■ 38.1414, 27.4622,
48.6811

■ 52.7646, 54.2697,
61.0739

■ 35.7959, 23.3450,
46.1299

■ 57.8615, 63.8177,
64.7643

■ 33.9141, 20.1412,
43.7768

■ 63.5816, 74.5971,
68.7077

■ 32.4600, 17.7788,
41.6095

■ 69.9458, 86.6500,
72.9113

■ 31.3921, 16.1749,
39.6138

■ 71.1679, 88.4040,
75.4469

■ 30.6606, 15.2301,
37.7728

■ 71.6087, 88.5804,
77.7682

■ 30.2895, 14.8367,
36.5738

■ 72.0590, 88.7605,
80.1391

■ 72.5187, 88.9443,
82.5598

Harmonies

Analogous

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



41.1225, 38.6862, 65.3692



44.3484, 38.6862, 54.4200



45.5071, 38.6862, 41.6971

Triad

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



44.3484, 38.6862, 54.4200



36.6212, 38.6862, 22.8769



30.2390, 38.6862, 55.3021

Complementary

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



44.3484, 38.6862, 54.4200



39.9949, 50.1935, 41.3008

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.



29.2296, 38.6862, 42.5512



44.3484, 38.6862, 54.4200



32.7361, 38.6862, 25.1664

Square

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



44.3484, 38.6862, 54.4200



40.8449, 38.6862, 24.8647



30.1083, 38.6862, 31.8333



32.9757, 38.6862, 65.9433

Rectangle

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



44.3484, 38.6862, 54.4200



44.8864, 38.6862, 34.3045



30.1083, 38.6862, 31.8333



29.6963, 38.6862, 51.0467

Sweetspot

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



44.3496, 38.6879, 54.4208



89.1217, 88.9369, 104.4779



36.3326, 34.4505, 58.7682



18.9716, 18.8424, 22.2831



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.



44.3496, 38.6879, 54.4208



74.4120, 61.8208, 92.4737



42.0448, 37.7660, 42.2841



11.0009, 10.7837, 12.9878



19.5054, 9.5517, 23.6690



0.9450, 0.4608, 1.2336

Inverse Universe

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



44.3496, 38.6879, 54.4208



74.4120, 61.8208, 92.4737



42.1785, 51.0669, 52.7995



11.0009, 10.7837, 12.9878



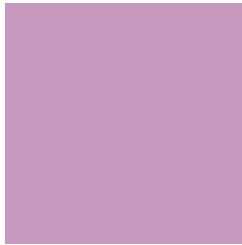
19.5054, 9.5517, 23.6690



0.9450, 0.4608, 1.2336

Previews

White Background



This preview shows how the XYZ color 44.3484, 38.6862, 54.4200 looks on a white background.

Color Contrast Check

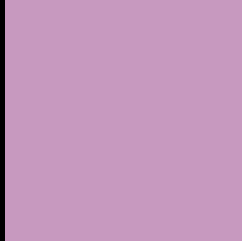
Large Text (above 18pt) WCAG AA × Fail

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 44.3484, 38.6862, 54.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

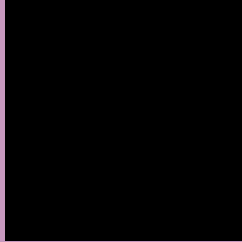
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.3484, 38.6862, 54.4200

Background



This preview shows how black text looks on a background with the XYZ color 44.3484, 38.6862, 54.4200.



This preview shows how white text looks on a background with the XYZ color 44.3484, 38.6862,

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

44.3484, 38.6862, 54.4200

Protanopia

38.5587, 38.9162, 60.1229

Deuteranopia

39.5161, 38.7527, 53.5414



Tritanopia

41.9834, 38.7143, 42.7960

Trichromacy



Original Color

44.3484, 38.6862, 54.4200

Protanomaly

40.2785, 38.5196, 58.1355

Deuteranomaly

40.9838, 38.4591, 53.9785

Tritanomaly

42.8502, 38.8216, 46.8298

Monochromacy



Original Color

44.3484, 38.6862, 54.4200

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

40.3674, 39.5890, 47.6333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.3484, 38.6862, 54.4200 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(199, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 191)  
}
```

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(199, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 191) }
```

Border

The CSS property to change the border of an element to XYZ 44.3484, 38.6862, 54.4200 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(199, 153, 191) }
```


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

```
.border{ border-color:rgb(199, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 44.3484, 38.6862, 54.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 191) }
```

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

```
.background{ background-color: rgb(199,  
153, 191) }
```

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