

Converting Colors

XYZ(54.4883, 49.4575, 83.0196)

Have a look what the booklet for
XYZ(54.4883, 49.4575, 83.0196)
contains.

XYZ(54.4479, 49.4334, 83.0158)	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(54.4479, 49.4334,
83.0158)**

Conversions

Conversions Part 1

Format	Color
Hex	CAB0E8
RGB	202, 176, 232
RGB Percent	79%, 69%, 91%
CMY	0.2078, 0.3098, 0.0902
CMYK	0.13, 0.24, 0.00, 0.09
HSL	268°, 55%, 80%
HSV	268°, 24%, 91%
XYZ	54.4479, 49.4334, 83.0158
YIQ	190.1580, -2.4800, 22.9280

Conversions

Conversions Part 2

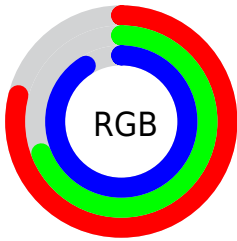
Format	Color
R_{YB}	202, 176, 232
Decimal	13283560
CIE _{Lab}	75.72, 19.91, -24.57
CIE _{LCh}	76, 31.627, 309.019
Yxy	49.4334, 0.2913, 0.2645
Android (android.graphics.Color)	4291473640 (0xFFCAB0E8)
YUV	190.1580, 20.6281, 10.3854
Hunter-Lab	70.3089, 15.1916, -20.7892

Details

The XYZ color **54.4479, 49.4334, 83.0158** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.1484, 73.9709, 52.0788**, and the grayscale version is **48.9218, 51.4695, 56.0503**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **26.9521, 23.5036, 44.1904** is the 20% darker color. If you saturate the color by 10%, you get **47.0535, 39.4369, 81.4768**, and if you desaturate by 10%, it is **62.8936, 61.1283, 84.8288**.

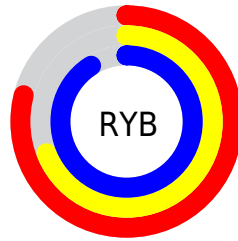
Distribution



Red (79%)

Green (69%)

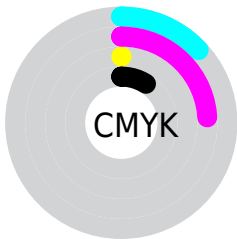
Blue (91%)



Red (79%)

Yellow (69%)

Blue (91%)

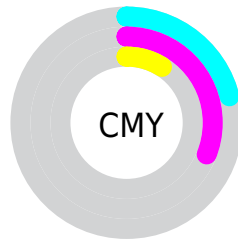


Cyan (13%)

Magenta (24%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (31%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4479, 49.4334, 83.0158 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 54.4479, 49.4334, 83.0158 by changing the saturation by 10% instead.

■ 54.4479, 49.4334,
83.0158

■ 54.4479, 49.4334,
83.0158

393.9862,
384.4460, 525.0116

■ 39.1920, 34.9634,
61.6625

■ 95.8846, 89.3348,
139.4470

■ 27.0905, 23.6347,
44.3260

122.7961,
115.5350, 175.3620

■ 17.7781, 15.0629,
30.5878

154.3235,
146.4141, 216.9680

■ 10.8895, 8.8635,
20.0294

190.8321,
182.3564, 264.6835

■ 6.0593, 4.6523,
12.2321

232.6874,
223.7463, 318.9271

■ 2.9222, 2.0447,
6.7775

280.2545,

■ 1.1128, 0.6333,

270.9683, 380.1172

3.2470

333.8991,
324.4068, 448.6726

■ 0.0358, 0.0000,
1.2221

■ 0.0000, 0.0000,
0.0000

■ 54.4479, 49.4334,
83.0158

■ 54.4479, 49.4334,
83.0158

■ 47.0535, 39.4369,
81.4768

■ 62.8936, 61.1283,
84.8288

■ 40.6600, 31.0504,
80.1950

■ 72.4289, 74.5921,
86.9250

■ 35.2192, 24.1866,
79.1569

■ 83.0955, 89.8986,
89.3173

■ 30.6770, 18.7471,
78.3464

■ 90.3684, 97.9891,
90.4956

■ 26.9728, 14.6214,
77.7453

■ 91.5656, 98.6063,
90.5516

■ 24.0374, 11.6822,
77.3327

■ 21.7875, 9.7745,
77.0830

■ 20.7149, 8.9963,
76.9894

Harmonies

Analogous

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



48.7750, 49.4334, 92.4346



54.4479, 49.4334, 83.0158



58.3197, 49.4334, 66.2354

Triad

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



54.4479, 49.4334, 83.0158



51.1392, 49.4334, 28.9515



36.7049, 49.4334, 59.0477

Complementary

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



54.4479, 49.4334, 83.0158



62.1484, 73.9709, 52.0788

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.



37.2231, 49.4334, 43.0698



54.4479, 49.4334, 83.0158



45.2393, 49.4334, 27.8147

Square

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



54.4479, 49.4334, 83.0158



56.3017, 49.4334, 35.9452



40.2372, 49.4334, 32.4307



38.7573, 49.4334, 76.8242

Rectangle

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



54.4479, 49.4334, 83.0158



59.1855, 49.4334, 54.3791



40.2372, 49.4334, 32.4307



36.5881, 49.4334, 53.2738

Sweetspot

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



54.4495, 49.4355, 83.0169



86.1866, 87.3665, 106.9286



54.7361, 59.5869, 84.9612



18.2908, 18.4782, 22.8526



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.



54.4495, 49.4355, 83.0169



62.7209, 54.7932, 101.8781



62.4692, 53.5698, 83.3922



14.2157, 14.2134, 18.1385



11.6422, 5.0677, 42.7477



0.9666, 0.4293, 3.1639

Inverse Universe

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



59.9462, 52.6648, 65.4005



70.7809, 59.5308, 75.9344



55.2390, 70.4090, 51.7554



14.6982, 14.4965, 16.6110



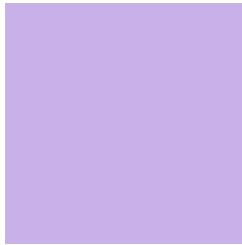
20.5693, 10.3619, 11.8926



1.5668, 0.7844, 1.1254

Previews

White Background



This preview shows how the XYZ color 54.4479, 49.4334, 83.0158 looks on a white background.

Color Contrast Check

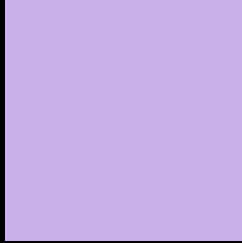
Large Text (above 18pt) WCAG AA × Fail

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 54.4479, 49.4334, 83.0158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

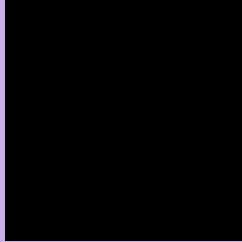
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4479, 49.4334, 83.0158

Background



This preview shows how black text looks on a background with the XYZ color 54.4479, 49.4334, 83.0158.



This preview shows how white text looks on a background with the XYZ color 54.4479, 49.4334,

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

54.4479, 49.4334, 83.0158

Protanopia

50.0152, 49.7552, 87.8566

Deuteranopia

50.8857, 49.7038, 82.5131



Tritanopia

49.5709, 49.2229, 59.7116

Trichromacy



Original Color

54.4479, 49.4334, 83.0158

Protanomaly

51.6354, 49.7024, 86.2289

Deuteranomaly

51.9803, 49.3592, 82.3889

Tritanomaly

51.2428, 49.3014, 67.7881

Monochromacy



Original Color

54.4479, 49.4334, 83.0158

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6165, 50.5750, 64.8518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4479, 49.4334, 83.0158 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(202, 176, 232)` looks like.

```
.text, #text, p{  
    color:rgb(202, 176, 232)  
}
```

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(202, 176, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 176, 232) }
```

Border

The CSS property to change the border of an element to XYZ 54.4479, 49.4334, 83.0158 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(202, 176, 232) }
```


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

```
.border{ border-color:rgb(202, 176, 232) }
```

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

Here you see how a box with a 4 pixel rgb(202, 176, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 176, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 176, 232);  
box-shadow:4px 4px 4px 4px rgb(202, 176,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4479, 49.4334, 83.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 176, 232) }
```

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

```
.background{ background-color: rgb(202,  
176, 232) }
```

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