

Converting Colors

XYZ(54.9790, 48.9975, 68.2499)

Have a look what the booklet for
XYZ(54.9790, 48.9975, 68.2499)
contains.

XYZ(54.8293, 48.8071, 68.1589)	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(54.8293, 48.8071,
68.1589)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ACD3
RGB	216, 172, 211
RGB Percent	85%, 67%, 83%
CMY	0.1529, 0.3255, 0.1725
CMYK	0.00, 0.20, 0.02, 0.15
HSL	307°, 36%, 76%
HSV	307°, 20%, 85%
XYZ	54.8293, 48.8071, 68.1589
YIQ	189.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

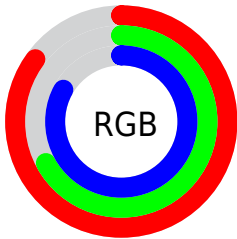
Format	Color
R _Y B	216, 172, 211
Decimal	14200019
CIE Lab	75.33, 22.56, -13.62
CIE LCh	75, 26.349, 328.876
Yxy	48.8071, 0.3192, 0.2841
Android (android.graphics.Color)	4292390099 (0xFFD8ACD3)
YUV	189.6020, 10.5492, 23.1510
Hunter-Lab	69.8621, 17.8321, -8.9411

Details

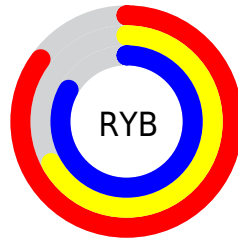
The XYZ color **54.8293, 48.8071, 68.1589** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.5069, 61.0582, 50.7738**, and the grayscale version is **48.6518, 51.1854, 55.7409**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **27.2955, 23.1710, 34.4863** is the 20% darker color. If you saturate the color by 10%, you get **50.7429, 41.1222, 65.2904**, and if you desaturate by 10%, it is **59.5915, 57.8344, 71.2770**.

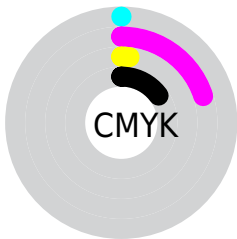
Distribution



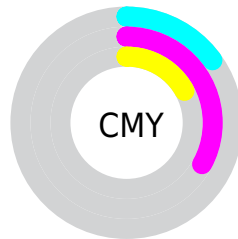
- Red (85%)
- Green (67%)
- Blue (83%)



- Red (85%)
- Yellow (67%)
- Blue (83%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (15%)





- Cyan (15%)
- Magenta (33%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8293, 48.8071, 68.1589 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 54.8293, 48.8071, 68.1589 by changing the saturation by 10% instead.


 54.8293, 48.8071,
68.1589

 54.8293, 48.8071,
68.1589


395.4115,
381.9824, 472.6721

 39.4984, 34.4665,
49.5595


 96.4406, 88.4049,
118.2358

 27.3301, 23.2522,
34.6948


123.4517,
114.4308, 150.5504

 17.9592, 14.7798,
23.1462


155.0868,
145.1207, 188.2738

 11.0202, 8.6650,
14.4952

191.7114,
180.8589, 231.8246

 6.1478, 4.5233,
8.3232

233.6909,
222.0297, 281.6213

 2.9767, 1.9704,
4.2117

281.3904,

 1.1414, 0.5902,

269.0177, 338.0824

1.7422

335.1755,
322.2071, 401.6265

■ 0.0594, 0.0000,
0.3894

■ 0.0000, 0.0000,
0.0000

■ 54.8293, 48.8071,
68.1589

■ 54.8293, 48.8071,
68.1589

■ 50.7429, 41.1222,
65.2904

■ 59.5915, 57.8344,
71.2770

■ 47.2955, 34.7089,
62.6574

■ 65.0552, 68.2578,
74.6517

■ 44.4538, 29.4994,
60.2493

■ 71.2500, 80.1359,
78.2934

■ 42.1796, 25.4173,
58.0532

■ 77.1066, 91.3300,
81.8460

40.4300, 22.3772,
56.0548

77.4358, 91.4617,
83.5796

39.1564, 20.2818,
54.2378

77.7698, 91.5953,
85.3386

38.3009, 19.0151,
52.5826

78.1087, 91.7309,
87.1229

37.7731, 18.3807,
51.1085

78.4524, 91.8684,
88.9328

78.8009, 92.0078,
90.7682

Harmonies

Analogous

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



51.0349, 48.8071, 80.0930



54.8293, 48.8071, 68.1589



56.3399, 48.8071, 53.6677

Triad

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



54.8293, 48.8071, 68.1589



46.5727, 48.8071, 30.6840



38.7017, 48.8071, 67.0944

Complementary

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



54.8293, 48.8071, 68.1589



49.5069, 61.0582, 50.7738

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.



37.6859, 48.8071, 52.6210



54.8293, 48.8071, 68.1589



42.0352, 48.8071, 33.0380

Square

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



54.8293, 48.8071, 68.1589



51.3730, 48.8071, 33.4207



38.8638, 48.8071, 40.5117



41.7395, 48.8071, 79.4070

Rectangle

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



54.8293, 48.8071, 68.1589



55.7736, 48.8071, 44.9708



38.8638, 48.8071, 40.5117



38.1222, 48.8071, 62.2488

Sweetspot

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



54.8308, 48.8092, 68.1599



90.0831, 90.5122, 105.8695



45.1444, 43.7422, 71.0304



19.1707, 19.1622, 22.5916



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.



54.8308, 48.8092, 68.1599



77.4375, 66.5347, 97.6042



52.3237, 47.8064, 54.9581



12.8894, 12.6073, 15.3578



22.3830, 10.8895, 30.3848



1.3677, 0.6639, 1.9258

Inverse Universe

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



54.8308, 48.8092, 68.1599



77.4375, 66.5347, 97.6042



51.8101, 61.9795, 62.9025



12.8894, 12.6073, 15.3578



22.3830, 10.8895, 30.3848



1.3677, 0.6639, 1.9258

Previews

White Background



This preview shows how the XYZ color 54.8293, 48.8071, 68.1589 looks on a white background.

Color Contrast Check

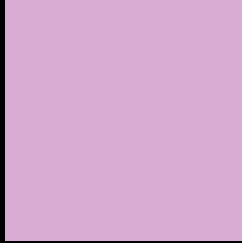
Large Text (above 18pt) WCAG AA × Fail

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 54.8293, 48.8071, 68.1589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

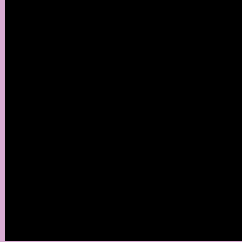
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8293, 48.8071, 68.1589

Background



This preview shows how black text looks on a background with the XYZ color 54.8293, 48.8071, 68.1589.



This preview shows how white text looks on a background with the XYZ color 54.8293, 48.8071,

68.1589.

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

54.8293, 48.8071, 68.1589

Protanopia

48.5171, 48.9792, 73.9146

Deuteranopia

50.0248, 48.9887, 67.1408



Tritanopia

52.1512, 48.8709, 54.8285

Trichromacy



Original Color

54.8293, 48.8071, 68.1589

Protanomaly

50.4542, 48.8069, 71.7272

Deuteranomaly

51.6406, 48.9114, 67.6919

Tritanomaly

53.1396, 48.9873, 59.4781

Monochromacy



Original Color

54.8293, 48.8071, 68.1589

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

50.6797, 50.0863, 60.4226

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8293, 48.8071, 68.1589 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(216, 172, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 172, 211)  
}
```

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(216, 172, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 172, 211) }
```

Border

The CSS property to change the border of an element to XYZ 54.8293, 48.8071, 68.1589 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(216, 172, 211) }
```


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

```
.border{ border-color:rgb(216, 172, 211) }
```

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

Here you see how a box with a 4 pixel rgb(216, 172, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 172, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 172, 211);  
box-shadow:4px 4px 4px 4px rgb(216, 172,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8293, 48.8071, 68.1589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 172, 211) }
```

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

```
.background{ background-color: rgb(216,  
172, 211) }
```

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