

Converting Colors

XYZ(58.4853, 49.4720, 88.8544)

Have a look what the booklet for
XYZ(58.4853, 49.4720, 88.8544)
contains.

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Color

**XYZ(58.5314, 49.4189,
88.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	D9A9F0
RGB	217, 169, 240
RGB Percent	85%, 66%, 94%
CMY	0.1490, 0.3372, 0.0588
CMYK	0.10, 0.30, 0.00, 0.06
HSL	281°, 70%, 80%
HSV	281°, 30%, 94%
XYZ	58.5314, 49.4189, 88.8919
YIQ	191.4460, 5.8170, 32.2570

Conversions

Conversions Part 2

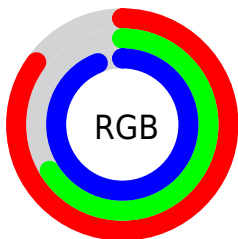
Format	Color
R _{YB}	217, 169, 240
Decimal	14264816
CIE _{Lab}	75.71, 30.08, -28.80
CIE _{LCh}	76, 41.647, 316.247
Yxy	49.4189, 0.2974, 0.2511
Android (android.graphics.Color)	4292454896 (0xFFD9A9F0)
YUV	191.4460, 23.9371, 22.4109
Hunter-Lab	70.2986, 25.5986, -25.7627

Details

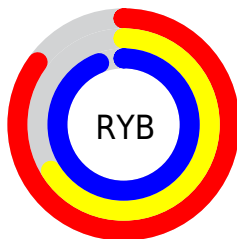
The XYZ color **58.5314, 49.4189, 88.8919** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.0613, 76.3924, 49.1180**, and the grayscale version is **49.6444, 52.2298, 56.8783**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **29.5951, 23.5285, 48.3290** is the 20% darker color. If you saturate the color by 10%, you get **52.2133, 40.1320, 87.4331**, and if you desaturate by 10%, it is **65.7811, 60.4050, 90.6311**.

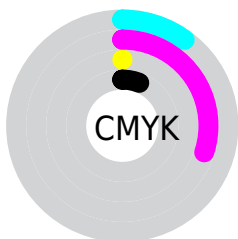
Distribution



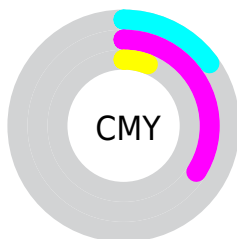
- Red (85%)
- Green (66%)
- Blue (94%)



- Red (85%)
- Yellow (66%)
- Blue (94%)



- Cyan (10%)
- Magenta (30%)
- Yellow (0%)
- Black (6%)




- Cyan (15%)
- Magenta (34%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.5314, 49.4189, 88.8919 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 58.5314, 49.4189, 88.8919 by changing the saturation by 10% instead.


 58.5314, 49.4189,
88.8919


 58.5314, 49.4189,
88.8919

409.0852,
384.3891, 544.8964

 42.4809, 34.9519,
66.4934


 101.8148, 89.3133,
147.7203

 29.6708, 23.6258,
48.2141


 129.7785,
115.5095, 184.9873

 19.7357, 15.0563,
33.6352


162.4439,
146.3842, 228.0475

 12.3102, 8.8589,
22.3384

200.1765,
182.3218, 277.3195

 7.0290, 4.6493,
13.9051

243.3415,
223.7067, 333.2219

 3.5267, 2.0430,
7.9167

292.3044,

 1.4380, 0.6323,

270.9233, 396.1731

3.9547

347.4305,
324.3559, 466.5918

■ 0.2831, 0.0000,
1.6005

■ 0.0000, 0.0000,
0.2912

■ 58.5314, 49.4189,
88.8919

■ 58.5314, 49.4189,
88.8919

■ 52.2133, 40.1320,
87.4331

■ 65.7811, 60.4050,
90.6311

■ 46.7755, 32.4475,
86.2365

■ 74.0004, 73.1677,
92.6613

■ 42.1689, 26.2683,
85.2865

■ 83.2311, 87.7872,
94.9967

■ 38.3373, 21.4839,
84.5650

■ 90.2355, 97.7862,
96.5575

■ 35.2164, 17.9685,
84.0510

■ 92.7283, 99.0713,
96.6742

■ 32.7302, 15.5723,
83.7195

■ 30.7574, 14.0553,
83.5306

■ 30.6802, 13.9993,
83.5239

Harmonies

Analogous

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



51.2484, 49.4189, 105.8194



58.5314, 49.4189, 88.8919



62.9172, 49.4189, 64.5626

Triad

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



58.5314, 49.4189, 88.8919



50.5896, 49.4189, 22.1752



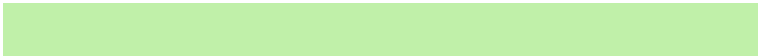
34.1114, 49.4189, 66.6023

Complementary

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



58.5314, 49.4189, 88.8919



60.0613, 76.3924, 49.1180

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.



33.9764, 49.4189, 44.3207



58.5314, 49.4189, 88.8919



42.9389, 49.4189, 22.4415

Square

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



58.5314, 49.4189, 88.8919



58.0038, 49.4189, 28.5698



37.0431, 49.4189, 29.4365



37.4345, 49.4189, 90.7333

Rectangle

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



58.5314, 49.4189, 88.8919



63.3282, 49.4189, 49.3135



37.0431, 49.4189, 29.4365



33.7052, 49.4189, 58.5692

Sweetspot

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



58.5330, 49.4210, 88.8930



85.4782, 84.8385, 106.4780



51.0886, 52.7211, 89.9223



17.9839, 17.6697, 22.7127



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.



58.5330, 49.4210, 88.8930



63.0324, 50.5846, 101.0494



64.1513, 52.5139, 80.2763



15.9275, 15.7599, 19.9241



16.9399, 7.7382, 45.7287



1.5129, 0.6972, 3.8090

Inverse Universe

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



59.6391, 50.7090, 56.5157



64.6430, 52.3665, 58.1304



55.8473, 74.0858, 54.9851



15.9839, 15.8433, 17.4712



20.4733, 10.4617, 5.1430



1.7471, 0.8879, 0.6590

Previews

White Background



This preview shows how the XYZ color 58.5314, 49.4189, 88.8919 looks on a white background.

Color Contrast Check

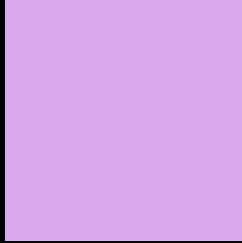
Large Text (above 18pt) WCAG AA × Fail

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 58.5314, 49.4189, 88.8919 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 58.5314, 49.4189, 88.8919

Background



This preview shows how black text looks on a background with the XYZ color 58.5314, 49.4189, 88.8919.



This preview shows how white text looks on a background with the XYZ color 58.5314, 49.4189,

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

58.5314, 49.4189, 88.8919

Protanopia

50.7015, 49.5708, 98.1627

Deuteranopia

50.8100, 49.5651, 87.0098



Tritanopia

52.0132, 49.3482, 56.6529

Trichromacy



Original Color

58.5314, 49.4189, 88.8919



Protanomaly

53.1583, 49.3947, 94.7281



Deuteranomaly

53.3453, 49.3513, 87.6031



Tritanomaly

54.2792, 49.4095, 66.9978

Monochromacy



Original Color

58.5314, 49.4189, 88.8919



Achromatopsia

49.5206, 52.0996, 56.7364



Achromatomaly

52.2615, 50.7498, 67.3628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5314, 49.4189, 88.8919 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(217, 169, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 169, 240)  
}
```

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(217, 169, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 169, 240) }
```

Border

The CSS property to change the border of an element to XYZ 58.5314, 49.4189, 88.8919 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(217, 169, 240) }
```


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

```
.border{ border-color:rgb(217, 169, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 169, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 169, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 169, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 169,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5314, 49.4189, 88.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 169, 240) }
```

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

```
.background{ background-color: rgb(217,  
169, 240) }
```

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](#).

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