

Converting Colors

XYZ(58.0570, 48.2122, 77.6785)

Have a look what the booklet for
XYZ(58.0570, 48.2122, 77.6785)
contains.

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Color

**XYZ(58.0971, 48.3541,
77.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	E1A5E1
RGB	225, 165, 225
RGB Percent	88%, 65%, 88%
CMY	0.1176, 0.3529, 0.1176
CMYK	0.00, 0.27, 0.00, 0.12
HSL	300°, 50%, 76%
HSV	300°, 27%, 88%
XYZ	58.0971, 48.3541, 77.5054
YIQ	189.7800, 16.5000, 31.3800

Conversions

Conversions Part 2

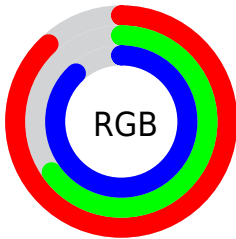
Format	Color
R _Y B	225, 165, 225
Decimal	14788065
CIE Lab	75.05, 31.89, -21.60
CIE LCh	75, 38.513, 325.892
Yxy	48.3541, 0.3158, 0.2629
Android (android.graphics.Color)	4292978145 (0xFFE1A5E1)
YUV	189.7800, 17.3635, 30.8879
Hunter-Lab	69.5371, 27.4438, -17.4081

Details

The XYZ color **58.0971, 48.3541, 77.5054** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.2358, 64.5679, 45.4679**, and the grayscale version is **48.7150, 51.2520, 55.8134**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **29.4121, 22.9256, 40.9051** is the 20% darker color. If you saturate the color by 10%, you get **54.3908, 40.9407, 76.2704**, and if you desaturate by 10%, it is **62.5203, 57.1995, 78.9804**.

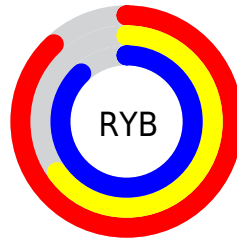
Distribution



Red (88%)

Green (65%)

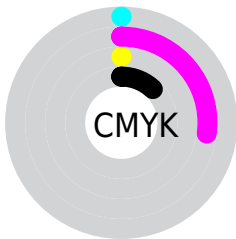
Blue (88%)



Red (88%)

Yellow (65%)

Blue (88%)

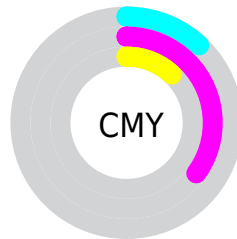


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0971, 48.3541, 77.5054 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 58.0971, 48.3541, 77.5054 by changing the saturation by 10% instead.


 58.0971, 48.3541,
77.5054

 58.0971, 48.3541,
77.5054


407.4957,
380.1940, 505.9688

 42.1303, 34.1074,
57.1537

 101.1864, 87.7314,
131.6322

 29.3949, 22.9761,
40.7185


 129.0396,
113.6308, 166.2444

 19.5255, 14.5759,
27.7811


161.5856,
144.1831, 206.4472

 12.1569, 8.5223,
17.9231

199.1898,
179.7729, 252.6591

 6.9236, 4.4309,
10.7260

242.2176,
220.7845, 305.2986

 3.4602, 1.9174,
5.7710

291.0342,

 1.4016, 0.5588,

267.6023, 364.7844

2.6398

346.0052,
320.6106, 431.5350

■ 0.2573, 0.0000,
0.9129

■ 0.0000, 0.0000,
0.0000

■ 58.0971, 48.3541,
77.5054

■ 58.0971, 48.3541,
77.5054

■ 54.3908, 40.9407,
76.2704

■ 62.5203, 57.1995,
78.9804

■ 51.3596, 34.8782,
75.2598

■ 67.6905, 67.5400,
80.7040

■ 48.9640, 30.0870,
74.4612

■ 73.6418, 79.4424,
82.6879

■ 47.1588, 26.4768,
73.8594

■ 80.4026, 92.9641,
84.9416

45.8930, 23.9453,
73.4373

80.4027, 92.9641,
84.9417

45.1068, 22.3728,
73.1751

80.4027, 92.9641,
84.9419

44.7238, 21.6069,
73.0473

80.4027, 92.9642,
84.9420

44.6424, 21.4440,
73.0201

80.4027, 92.9642,
84.9421

80.4028, 92.9642,
84.9423

Harmonies

Analogous

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



52.1244, 48.3541, 95.7701



58.0971, 48.3541, 77.5054



60.8190, 48.3541, 55.4744

Triad

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



58.0971, 48.3541, 77.5054



46.9352, 48.3541, 22.6851



34.8298, 48.3541, 71.4483

Complementary

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



58.0971, 48.3541, 77.5054



49.2358, 64.5679, 45.4679

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.



33.7412, 48.3541, 49.9219



58.0971, 48.3541, 77.5054



40.3002, 48.3541, 24.9168

Square

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



58.0971, 48.3541, 77.5054



53.9716, 48.3541, 26.6409



35.6417, 48.3541, 33.7722



38.7817, 48.3541, 91.6928

Rectangle

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



58.0971, 48.3541, 77.5054



60.2394, 48.3541, 42.7354



35.6417, 48.3541, 33.7722



34.1353, 48.3541, 63.9890

Sweetspot

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



58.0986, 48.3562, 77.5064



88.8839, 87.6679, 106.8445



42.5650, 40.3483, 76.7798



18.7928, 18.3004, 22.7918



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.



58.0986, 48.3562, 77.5064



74.3103, 58.5207, 101.9862



54.3586, 46.8602, 57.8116



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Inverse Universe

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



58.0986, 48.3562, 77.5064



74.3103, 58.5207, 101.9862



52.2944, 65.7914, 61.5745



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0769



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 58.0971, 48.3541, 77.5054 looks on a white background.

Color Contrast Check

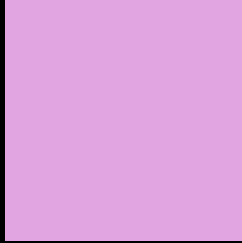
Large Text (above 18pt) WCAG AA × Fail

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 58.0971, 48.3541, 77.5054 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 58.0971, 48.3541, 77.5054

Background



This preview shows how black text looks on a background with the XYZ color 58.0971, 48.3541, 77.5054.



This preview shows how white text looks on a background with the XYZ color 58.0971, 48.3541,

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

58.0971, 48.3541, 77.5054

Protanopia

49.1607, 48.6979, 87.6975

Deuteranopia

49.7163, 48.6360, 75.8746



Tritanopia

53.1307, 48.2659, 52.9703

Trichromacy



Original Color

58.0971, 48.3541, 77.5054



Protanomaly

51.7192, 48.0102, 83.6318



Deuteranomaly

52.4687, 48.2670, 76.3631



Tritanomaly

54.7375, 48.0757, 61.0381

Monochromacy



Original Color

58.0971, 48.3541, 77.5054



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.9320, 50.0561, 63.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0971, 48.3541, 77.5054 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(225, 165, 225)` looks like.

```
.text, #text, p{  
    color:rgb(225, 165, 225)  
}
```

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(225, 165, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 165, 225) }
```

Border

The CSS property to change the border of an element to XYZ 58.0971, 48.3541, 77.5054 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(225, 165, 225) }
```


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

```
.border{ border-color:rgb(225, 165, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 165, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 165, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 165, 225);  
box-shadow:4px 4px 4px 4px rgb(225, 165,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0971, 48.3541, 77.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 165, 225) }
```

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

```
.background{ background-color: rgb(225,  
165, 225) }
```

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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