

Converting Colors

XYZ(58.4206, 48.4854, 75.8395)

Have a look what the booklet for
XYZ(58.4206, 48.4854, 75.8395)
contains.

XYZ(58.4530, 48.5689, 76.1060)	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(58.4530, 48.5689,
76.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A5DF
RGB	227, 165, 223
RGB Percent	89%, 65%, 87%
CMY	0.1098, 0.3529, 0.1255
CMYK	0.00, 0.27, 0.02, 0.11
HSL	304°, 53%, 77%
HSV	304°, 27%, 89%
XYZ	58.4530, 48.5689, 76.1060
YIQ	190.1500, 18.3340, 31.1820

Conversions

Conversions Part 2

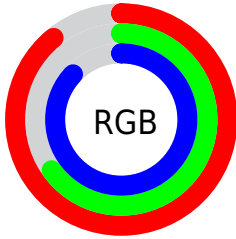
Format	Color
R _Y B	227, 165, 223
Decimal	14919135
CIE Lab	75.18, 32.17, -20.28
CIE LCh	75, 38.032, 327.771
Yxy	48.5689, 0.3192, 0.2652
Android (android.graphics.Color)	4293109215 (0xFFE3A5DF)
YUV	190.1500, 16.1951, 32.3175
Hunter-Lab	69.6914, 27.7553, -15.9633

Details

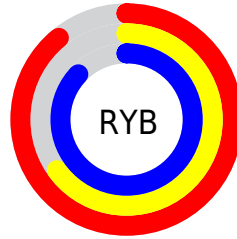
The XYZ color **58.4530, 48.5689, 76.1060** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.1496, 65.8036, 47.5971**, and the grayscale version is **48.9335, 51.4818, 56.0637**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **29.6566, 23.0734, 39.9363** is the 20% darker color. If you saturate the color by 10%, you get **54.5202, 41.0171, 73.8254**, and if you desaturate by 10%, it is **63.1172, 57.5789, 78.6399**.

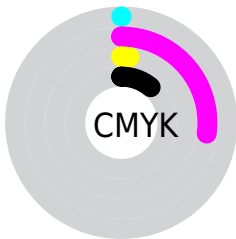
Distribution



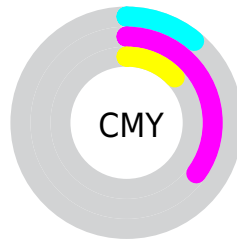
- Red (89%)
- Green (65%)
- Blue (87%)



- Red (89%)
- Yellow (65%)
- Blue (87%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4530, 48.5689, 76.1060 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 58.4530, 48.5689, 76.1060 by changing the saturation by 10% instead.


 58.4530, 48.5689,
76.1060

 58.4530, 48.5689,
76.1060


408.7985,
381.0427, 501.0670

 42.4176, 34.2776,
56.0123


 101.7014, 88.0508,
129.6382

 29.6210, 23.1070,
39.8087


 129.6452,
114.0103, 163.9137

 19.6977, 14.6725,
27.0768


162.2891,
144.6279, 203.7536

 12.2825, 8.5899,
17.3979

199.9985,
180.2882, 249.5763

 7.0099, 4.4747,
10.3537

243.1388,
221.3753, 301.8005

 3.5147, 1.9425,
5.5254

292.0753,

 1.4314, 0.5737,

268.2739, 360.8446

2.4946

347.1734,
321.3682, 427.1273

■ 0.2785, 0.0000,
0.8373

■ 0.0000, 0.0000,
0.0000

■ 58.4530, 48.5689,
76.1060

■ 58.4530, 48.5689,
76.1060

■ 54.5202, 41.0171,
73.8254

■ 63.1172, 57.5789,
78.6399

■ 51.2758, 34.8403,
71.7821

■ 68.5438, 68.1120,
81.4358

■ 48.6794, 29.9567,
69.9633

■ 74.7676, 80.2367,
84.5060

■ 46.6843, 26.2732,
68.3532

■ 81.5623, 93.5005,
87.7750

45.2380, 23.6843,
66.9344

81.7676, 93.5826,
88.8560

44.2784, 22.0662,
65.6861

81.9746, 93.6654,
89.9461

43.7235, 21.2549,
64.5811

82.1834, 93.7489,
91.0453

43.6074, 21.1025,
64.2964

82.3939, 93.8331,
92.1537

82.6061, 93.9180,
93.2712

Harmonies

Analogous

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



52.6932, 48.5689, 94.6306



58.4530, 48.5689, 76.1060



60.8910, 48.5689, 54.3902

Triad

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



58.4530, 48.5689, 76.1060



46.6865, 48.5689, 23.0559



35.2919, 48.5689, 72.8575

Complementary

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



58.4530, 48.5689, 76.1060



50.1496, 65.8036, 47.5971

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.



34.0253, 48.5689, 51.4045



58.4530, 48.5689, 76.1060



40.1964, 48.5689, 25.6743

Square

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



58.4530, 48.5689, 76.1060



53.6854, 48.5689, 26.6075



35.7295, 48.5689, 34.9421



39.3788, 48.5689, 92.4473

Rectangle

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



58.4530, 48.5689, 76.1060



60.1372, 48.5689, 42.0128



35.7295, 48.5689, 34.9421



34.5413, 48.5689, 65.4836

Sweetspot

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



58.4545, 48.5710, 76.1070



88.6727, 87.5834, 105.7323



43.4922, 40.7946, 78.2560



18.7391, 18.2789, 22.5091



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.



58.4545, 48.5710, 76.1070



72.9626, 57.2044, 97.2854



54.7500, 47.0892, 56.5992



14.9529, 14.5983, 17.9521



25.4484, 12.3136, 37.5860



1.8928, 0.9148, 2.8418

Inverse Universe

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



58.4545, 48.5710, 76.1070



72.9626, 57.2044, 97.2854



53.3084, 67.0672, 64.2312



14.9529, 14.5983, 17.9521



25.4484, 12.3136, 37.5860



1.8928, 0.9148, 2.8418

Previews

White Background



This preview shows how the XYZ color 58.4530, 48.5689, 76.1060 looks on a white background.

Color Contrast Check

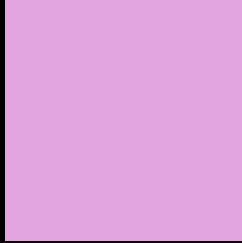
Large Text (above 18pt) WCAG AA × Fail

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 58.4530, 48.5689, 76.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

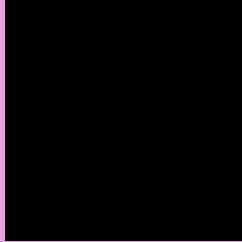
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4530, 48.5689, 76.1060

Background



This preview shows how black text looks on a background with the XYZ color 58.4530, 48.5689, 76.1060.



This preview shows how white text looks on a background with the XYZ color 58.4530, 48.5689,

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

58.4530, 48.5689, 76.1060

Protanopia

49.0871, 48.6938, 86.1685

Deuteranopia

49.9357, 48.7798, 74.4937



Tritanopia

53.6337, 48.5374, 52.4408

Trichromacy



Original Color

58.4530, 48.5689, 76.1060



Protanomaly

51.6874, 48.0267, 82.1472



Deuteranomaly

52.7382, 48.4370, 74.9763



Tritanomaly

55.2372, 48.3467, 60.4534

Monochromacy



Original Color

58.4530, 48.5689, 76.1060



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

51.8131, 50.0085, 62.7989

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4530, 48.5689, 76.1060 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(227, 165, 223)` looks like.

```
.text, #text, p{  
    color:rgb(227, 165, 223)  
}
```

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(227, 165, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 165, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.4530, 48.5689, 76.1060 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(227, 165, 223) }
```


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

```
.border{ border-color:rgb(227, 165, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 165, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 165, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 165, 223);  
box-shadow:4px 4px 4px 4px rgb(227, 165,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4530, 48.5689, 76.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 165, 223) }
```

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

```
.background{ background-color: rgb(227,  
165, 223) }
```

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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