

Converting Colors

XYZ(58.0046, 48.9684, 73.3895)

Have a look what the booklet for
XYZ(58.0046, 48.9684, 73.3895)
contains.

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Color

**XYZ(57.9689, 48.9207,
73.4052)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A7DB
RGB	226, 167, 219
RGB Percent	89%, 65%, 86%
CMY	0.1137, 0.3451, 0.1412
CMYK	0.00, 0.26, 0.03, 0.11
HSL	307°, 50%, 77%
HSV	307°, 26%, 89%
XYZ	57.9689, 48.9207, 73.4052
YIQ	190.5690, 18.4720, 28.6800

Conversions

Conversions Part 2

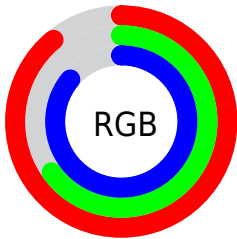
Format	Color
R _Y B	226, 167, 219
Decimal	14854107
CIE Lab	75.40, 30.05, -17.78
CIE LCh	75, 34.914, 329.388
Yxy	48.9207, 0.3215, 0.2713
Android (android.graphics.Color)	4293044187 (0xFFE2A7DB)
YUV	190.5690, 14.0165, 31.0730
Hunter-Lab	69.9433, 25.5396, -13.2642

Details

The XYZ color **57.9689, 48.9207, 73.4052** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.7747, 65.6656, 50.0458**, and the grayscale version is **49.1872, 51.7487, 56.3544**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **29.2957, 23.2610, 38.0677** is the 20% darker color. If you saturate the color by 10%, you get **53.8352, 41.2128, 70.3000**, and if you desaturate by 10%, it is **62.8348, 58.0821, 76.7836**.

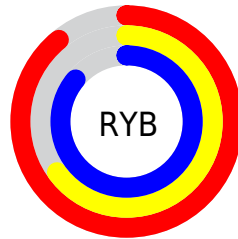
Distribution



Red (89%)

Green (65%)

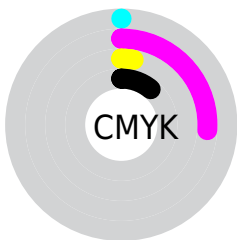
Blue (86%)



Red (89%)

Yellow (65%)

Blue (86%)

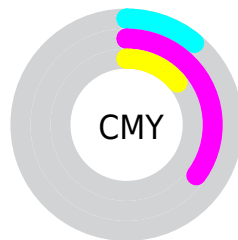


Cyan (0%)

Magenta (26%)

Yellow (3%)

Black (11%)



Cyan (11%)


Magenta (35%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9689, 48.9207, 73.4052 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 57.9689, 48.9207, 73.4052 by changing the saturation by 10% instead.


 57.9689, 48.9207,
73.4052


 57.9689, 48.9207,
73.4052


407.0258,
382.4301, 491.5264

 42.0268, 34.5566,
53.8135

 101.0008, 88.5737,
125.7785

 29.3135, 23.3215,
38.0604


 128.8213,
114.6313, 159.3972

 19.4636, 14.8311,
25.7274

161.3320,
145.3556, 198.5287

 12.1117, 8.7009,
16.3959

198.8983,
181.1308, 243.5915

 6.8925, 4.5466,
9.6473

241.8854,
222.3415, 295.0041

 3.4407, 1.9838,
5.0632

290.6588,

 1.3909, 0.5980,

269.3720, 353.1851

2.2250

345.5838,
322.6067, 418.5530

■ 0.2497, 0.0000,
0.6888

■ 0.0000, 0.0000,
0.0000

■ 57.9689, 48.9207,
73.4052

■ 57.9689, 48.9207,
73.4052

■ 53.8352, 41.2128,
70.3000

■ 62.8348, 58.0821,
76.7836

■ 50.3914, 34.8767,
67.4521

■ 68.4633, 68.7604,
80.4439

■ 47.5981, 29.8325,
64.8488

■ 74.8886, 81.0230,
84.3981

■ 45.4097, 25.9892,
62.4749

■ 81.3690, 93.3868,
88.3992

43.7750, 23.2442,
60.3131

81.7480, 93.5384,
90.3950

42.6339, 21.4778,
58.3432

82.1329, 93.6923,
92.4214

41.9122, 20.5410,
56.5404

82.5235, 93.8486,
94.4786

41.6947, 20.3011,
55.8666

82.9201, 94.0072,
96.5667

83.3225, 94.1682,
98.6859

Harmonies

Analogous

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



52.8316, 48.9207, 90.4524



57.9689, 48.9207, 73.4052



59.9867, 48.9207, 53.6454

Triad

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



57.9689, 48.9207, 73.4052



46.6298, 48.9207, 25.1283



36.5368, 48.9207, 72.5970

Complementary

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



57.9689, 48.9207, 73.4052



50.7747, 65.6656, 50.0458

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.



35.1994, 48.9207, 52.8890



57.9689, 48.9207, 73.4052



40.6914, 48.9207, 27.9901

Square

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



57.9689, 48.9207, 73.4052



53.0810, 48.9207, 28.2371



36.6493, 48.9207, 37.1954



40.4825, 48.9207, 89.9152

Rectangle

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



57.9689, 48.9207, 73.4052



59.1606, 48.9207, 42.3568



36.6493, 48.9207, 37.1954



35.7843, 48.9207, 65.9046

Sweetspot

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



57.9704, 48.9229, 73.4062



88.4966, 87.5129, 104.8051



44.9780, 42.1163, 77.7110



18.6944, 18.2611, 22.2738



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.



57.9704, 48.9229, 73.4062



73.3319, 58.9216, 94.3916



54.4369, 47.5095, 54.7991



14.2213, 13.9062, 16.9357



23.8157, 11.5933, 32.0250



1.6708, 0.8116, 2.3255

Inverse Universe

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



57.9704, 48.9229, 73.4062



73.3319, 58.9216, 94.3916



53.9597, 66.9396, 66.8181



14.2213, 13.9062, 16.9357



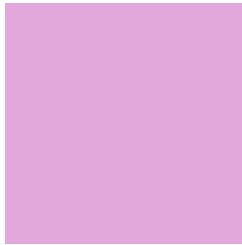
23.8157, 11.5933, 32.0250



1.6708, 0.8116, 2.3255

Previews

White Background



This preview shows how the XYZ color 57.9689, 48.9207, 73.4052 looks on a white background.

Color Contrast Check

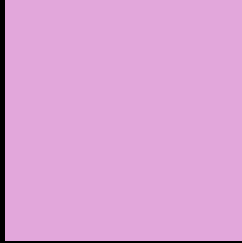
Large Text (above 18pt) WCAG AA × Fail

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 57.9689, 48.9207, 73.4052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

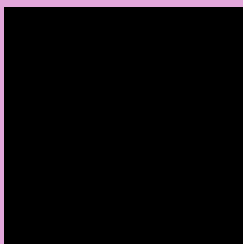
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9689, 48.9207, 73.4052

Background



This preview shows how black text looks on a background with the XYZ color 57.9689, 48.9207, 73.4052.



This preview shows how white text looks on a background with the XYZ color 57.9689, 48.9207,

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

57.9689, 48.9207, 73.4052

Protanopia

49.2435, 49.1645, 82.4956

Deuteranopia

50.1537, 48.9528, 71.7712



Tritanopia

53.9307, 48.9619, 53.0625

Trichromacy



Original Color

57.9689, 48.9207, 73.4052

Protanomaly

52.0337, 48.8562, 79.3608

Deuteranomaly

52.6783, 48.7569, 72.2802

Tritanomaly

55.1874, 48.8910, 59.9543

Monochromacy



Original Color

57.9689, 48.9207, 73.4052

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

52.1724, 50.5103, 62.2580

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9689, 48.9207, 73.4052 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(226, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 167, 219)  
}
```

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(226, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 167, 219) }
```

Border

The CSS property to change the border of an element to XYZ 57.9689, 48.9207, 73.4052 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(226, 167, 219) }
```


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

```
.border{ border-color:rgb(226, 167, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 167, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 167, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 167, 219); box-shadow:4px 4px 4px 4px rgb(226, 167, 219) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9689, 48.9207, 73.4052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 167, 219) }
```

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

```
.background{ background-color: rgb(226,  
167, 219) }
```

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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