

Converting Colors

XYZ(57.6872, 45.9651, 69.4590)

Have a look what the booklet for
XYZ(57.6872, 45.9651, 69.4590)
contains.

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Color

**XYZ(57.6303, 45.9556,
69.4512)**

Conversions

Conversions Part 1

Format	Color
Hex	E99CD6
RGB	233, 156, 214
RGB Percent	91%, 61%, 84%
CMY	0.0863, 0.3882, 0.1608
CMYK	0.00, 0.33, 0.08, 0.09
HSL	315°, 64%, 76%
HSV	315°, 33%, 91%
XYZ	57.6303, 45.9556, 69.4512
YIQ	185.6350, 27.2740, 34.3620

Conversions

Conversions Part 2

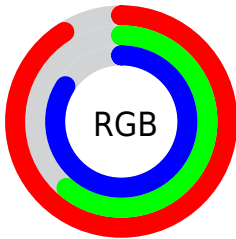
Format	Color
R _Y B	233, 156, 214
Decimal	15310038
CIE Lab	73.52, 37.35, -17.82
CIE LCh	74, 41.382, 334.489
Yxy	45.9556, 0.3331, 0.2656
Android (android.graphics.Color)	4293500118 (0xFFE99CD6)
YUV	185.6350, 13.9839, 41.5391
Hunter-Lab	67.7906, 33.1134, -13.2890

Details

The XYZ color **57.6303, 45.9556, 69.4512** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.5890, 68.4422, 51.1046**, and the grayscale version is **46.3829, 48.7984, 53.1415**.

A 20% lighter version of the original color is **82.5843, 75.0685, 104.7448**, and **29.0128, 21.4338, 35.4089** is the 20% darker color. If you saturate the color by 10%, you get **53.3680, 38.5848, 64.4715**, and if you desaturate by 10%, it is **62.6713, 54.8408, 74.8193**.

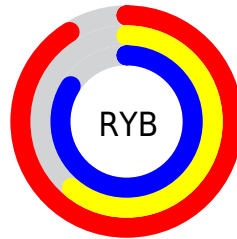
Distribution



Red (91%)

Green (61%)

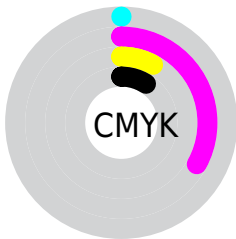
Blue (84%)



Red (91%)

Yellow (61%)

Blue (84%)

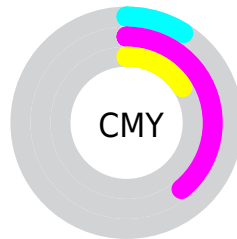


Cyan (0%)

Magenta (33%)

Yellow (8%)

Black (9%)



Cyan (9%)

Magenta (39%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6303, 45.9556, 69.4512 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 57.6303, 45.9556, 69.4512 by changing the saturation by 10% instead.

57.6303, 45.9556,
69.4512

57.6303, 45.9556,
69.4512

405.7830,
370.6301, 477.3577

41.7536, 32.2108,
50.6052

100.5104, 84.1525,
120.0996

29.0987, 21.5226,
35.5200

128.2444,
109.3735, 152.7390

19.3001, 13.5065,
23.7769

160.6617,
139.1885, 190.8134

11.9926, 7.7782,
14.9576

198.1275,
173.9822, 234.7412

6.8108, 3.9534,
8.6433

241.0072,
214.1388, 284.9410

3.3894, 1.6475,
4.4157

289.6661,

1.3628, 0.3893,

260.0427, 341.8313

1.8560

344.4696,
312.0783, 405.8307

■ 0.2295, 0.0000,
0.4645

■ 0.0000, 0.0000,
0.0000

■ 57.6303, 45.9556,
69.4512

■ 57.6303, 45.9556,
69.4512

■ 53.3680, 38.5848,
64.4715

■ 62.6713, 54.8408,
74.8193

■ 49.8367, 32.6358,
59.8616

■ 68.5265, 65.3133,
80.5876

■ 46.9904, 28.0160,
55.6053

■ 75.2345, 77.4490,
86.7705

■ 44.7755, 24.6189,
51.6834

■ 82.8300, 91.3169,
93.3810

■ 43.1304, 22.3217,
48.0740

■ 85.5044, 95.2997,
98.4840

■ 41.9806, 20.9755,
44.7509

■ 86.3855, 95.6521,
103.1233

■ 41.3920, 20.4388,
42.5808

■ 87.2939, 96.0155,
107.9071

■ 87.4146, 96.0638,
108.5427

Harmonies

Analogous

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



52.1304, 45.9556, 91.0840



57.6303, 45.9556, 69.4512



59.2415, 45.9556, 46.9532

Triad

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



57.6303, 45.9556, 69.4512



42.5887, 45.9556, 19.6823



33.0896, 45.9556, 76.4641

Complementary

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



57.6303, 45.9556, 69.4512



50.5890, 68.4422, 51.1046

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.



31.1134, 45.9556, 53.2546



57.6303, 45.9556, 69.4512



36.1950, 45.9556, 23.6546

Square

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



57.6303, 45.9556, 69.4512



50.0160, 45.9556, 21.7940



32.1839, 45.9556, 34.6279



37.9020, 45.9556, 95.8617

Rectangle

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



57.6303, 45.9556, 69.4512



57.7578, 45.9556, 35.1394



32.1839, 45.9556, 34.6279



32.0976, 45.9556, 68.6448

Sweetspot

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



57.6317, 45.9577, 69.4522



86.4511, 84.3970, 101.1172



44.0466, 38.6574, 82.2316



18.2640, 17.6313, 21.4181



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.



57.6317, 45.9577, 69.4522



66.8902, 49.7461, 80.8140



53.3838, 44.2585, 47.0829



15.5467, 15.2465, 18.1643



23.5383, 11.6180, 24.4335



1.8860, 0.9274, 2.1171

Inverse Universe

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



57.6317, 45.9577, 69.4522



66.8902, 49.7461, 80.8140



54.7935, 70.1240, 73.2453



15.5467, 15.2465, 18.1643



23.5383, 11.6180, 24.4335



1.8860, 0.9274, 2.1171

Previews

White Background



This preview shows how the XYZ color 57.6303, 45.9556, 69.4512 looks on a white background.

Color Contrast Check

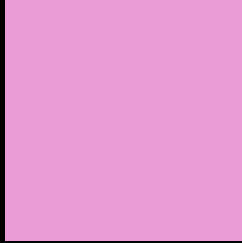
Large Text (above 18pt) WCAG AA × Fail

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 57.6303, 45.9556, 69.4512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

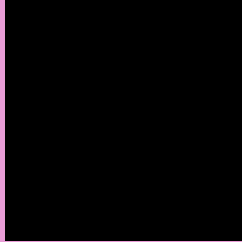
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6303, 45.9556, 69.4512

Background



This preview shows how black text looks on a background with the XYZ color 57.6303, 45.9556, 69.4512.



This preview shows how white text looks on a background with the XYZ color 57.6303, 45.9556,

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

57.6303, 45.9556, 69.4512

Protanopia

46.5515, 46.2782, 81.3420

Deuteranopia

47.3626, 46.4117, 67.4348



Tritanopia

52.9286, 45.8230, 47.1294

Trichromacy



Original Color

57.6303, 45.9556, 69.4512



Protanomaly

49.7557, 45.7141, 76.7223



Deuteranomaly

50.3030, 45.6356, 67.7853



Tritanomaly

54.4982, 45.6823, 54.6604

Monochromacy



Original Color

57.6303, 45.9556, 69.4512



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.9224, 47.3420, 58.7313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6303, 45.9556, 69.4512 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(233, 156, 214)` looks like.

```
.text, #text, p{  
    color:rgb(233, 156, 214)  
}
```

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(233, 156, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 156, 214) }
```

Border

The CSS property to change the border of an element to XYZ 57.6303, 45.9556, 69.4512 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(233, 156, 214) }
```


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

```
.border{ border-color:rgb(233, 156, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 156, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 156, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 156, 214);  
box-shadow:4px 4px 4px 4px rgb(233, 156,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6303, 45.9556, 69.4512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 156, 214) }
```

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

```
.background{ background-color: rgb(233,  
156, 214) }
```

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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