

Converting Colors

XYZ(58.7253, 52.7623, 66.2983)

Have a look what the booklet for
XYZ(58.7253, 52.7623, 66.2983)
contains.

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Color

**XYZ(58.7466, 52.9139,
66.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B3CF
RGB	226, 179, 207
RGB Percent	89%, 70%, 81%
CMY	0.1137, 0.2980, 0.1882
CMYK	0.00, 0.21, 0.08, 0.11
HSL	324°, 45%, 79%
HSV	324°, 21%, 89%
XYZ	58.7466, 52.9139, 66.1486
YIQ	196.2450, 19.0240, 18.6720

Conversions

Conversions Part 2

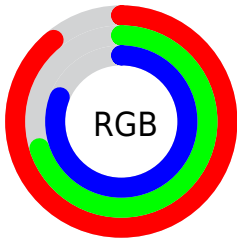
Format	Color
R _{YB}	226, 179, 207
Decimal	14857167
CIE Lab	77.82, 21.50, -7.62
CIE LCh	78, 22.807, 340.475
Yxy	52.9139, 0.3304, 0.2976
Android (android.graphics.Color)	4293047247 (0xFFE2B3CF)
YUV	196.2450, 5.3022, 26.0951
Hunter-Lab	72.7419, 16.8587, -2.9966

Details

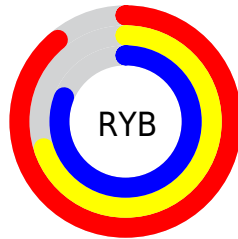
The XYZ color **58.7466, 52.9139, 66.1486** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.9819, 68.0551, 63.6146**, and the grayscale version is **52.5788, 55.3170, 60.2402**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **29.7882, 25.7677, 33.5406** is the 20% darker color. If you saturate the color by 10%, you get **53.4983, 44.1530, 59.0467**, and if you desaturate by 10%, it is **64.8050, 63.1900, 73.8407**.

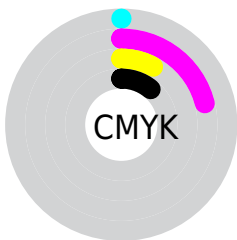
Distribution



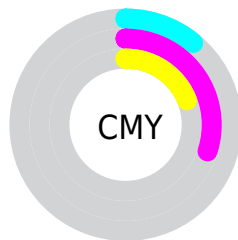
- Red (89%)
- Green (70%)
- Blue (81%)



- Red (89%)
- Yellow (70%)
- Blue (81%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (11%)





- Cyan (11%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7466, 52.9139, 66.1486 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 58.7466, 52.9139, 66.1486 by changing the saturation by 10% instead.


 58.7466, 52.9139,
66.1486

 58.7466, 52.9139,
66.1486


409.8714,
397.9547, 465.3269

 42.6548, 37.7340,
47.9358

 102.1260, 94.4777,
115.3286

 29.8077, 25.7763,
33.4164


130.1443,
121.6304, 147.1329

 19.8400, 16.6564,
22.1719


162.8688,
153.5428, 184.3048

 12.3864, 9.9898,
13.7838

200.6648,
190.5993, 227.2628

 7.0815, 5.3922,
7.8334

243.8977,
233.1844, 276.4255

 3.5599, 2.4792,
3.9023

292.9329,

 1.4563, 0.8662,

281.6824, 332.2113

1.5719

348.1356,
336.4777, 395.0390

■ 0.2958, 0.0000,
0.2706

■ 0.0000, 0.0000,
0.0000

■ 58.7466, 52.9139,
66.1486

■ 58.7466, 52.9139,
66.1486

■ 53.4983, 44.1530,
59.0467

■ 64.8050, 63.1900,
73.8407

■ 49.0183, 36.8275,
52.5139

■ 71.7035, 75.0420,
82.1365

■ 45.2677, 30.8612,
46.5324

■ 79.4763, 88.5358,
91.0529

■ 42.2026, 26.1675,
41.0819

■ 83.3851, 94.1932,
99.0157

■ 39.7738, 22.6503,
36.1402

■ 84.8040, 94.7608,
106.4875

■ 37.9252, 20.1991,
31.6827

■ 85.1744, 94.9089,
108.4378

■ 36.5901, 18.6826,
27.6810

■ 35.7116, 17.9078,
24.3601

Harmonies

Analogous

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



56.0211, 52.9139, 78.2107



58.7466, 52.9139, 66.1486



59.1328, 52.9139, 53.2963

Triad

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



58.7466, 52.9139, 66.1486



48.7619, 52.9139, 36.8200



44.0941, 52.9139, 74.9245

Complementary

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



58.7466, 52.9139, 66.1486



55.9819, 68.0551, 63.6146

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.



42.3813, 52.9139, 62.1593



58.7466, 52.9139, 66.1486



44.9695, 52.9139, 40.9940

Square

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



58.7466, 52.9139, 66.1486



53.1909, 52.9139, 37.5633



42.6921, 52.9139, 49.8474



47.5025, 52.9139, 83.7693

Rectangle

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



58.7466, 52.9139, 66.1486



57.9888, 52.9139, 46.1178



42.6921, 52.9139, 49.8474



43.3103, 52.9139, 70.8782

Sweetspot

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



58.7481, 52.9163, 66.1497



89.3818, 90.2317, 102.1763



53.0857, 49.7124, 78.7498



19.0047, 19.0957, 21.7171



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.



58.7481, 52.9163, 66.1497



74.0999, 64.3005, 82.8005



56.1063, 51.8595, 52.2381



14.0482, 13.8369, 16.0241



20.4335, 10.2404, 14.2145



1.4603, 0.7274, 1.2169

Inverse Universe

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



58.7481, 52.9163, 66.1497



74.0999, 64.3005, 82.8005



58.8796, 69.2142, 78.8738



14.0482, 13.8369, 16.0241



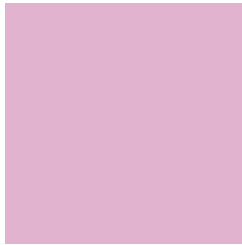
20.4335, 10.2404, 14.2145



1.4603, 0.7274, 1.2169

Previews

White Background



This preview shows how the XYZ color 58.7466, 52.9139, 66.1486 looks on a white background.

Color Contrast Check

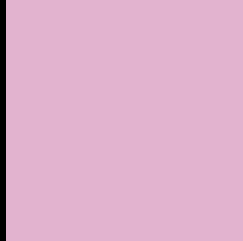
Large Text (above 18pt) WCAG AA × Fail

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 58.7466, 52.9139, 66.1486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

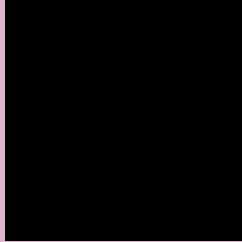
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7466, 52.9139, 66.1486

Background



This preview shows how black text looks on a background with the XYZ color 58.7466, 52.9139, 66.1486.



This preview shows how white text looks on a background with the XYZ color 58.7466, 52.9139,

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

58.7466, 52.9139, 66.1486

Protanopia

52.1317, 53.1150, 71.7946

Deuteranopia

53.9666, 52.9276, 65.1293



Tritanopia

57.1147, 52.8352, 58.8177

Trichromacy



Original Color

58.7466, 52.9139, 66.1486

Protanomaly

54.2826, 52.9906, 69.6546

Deuteranomaly

55.7216, 52.8833, 65.6632

Tritanomaly

57.6814, 52.7736, 61.1790

Monochromacy



Original Color

58.7466, 52.9139, 66.1486

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.5709, 54.2624, 62.2411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7466, 52.9139, 66.1486 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, 179, 207)` looks like.

```
.text, #text, p{  
    color:rgb(226, 179, 207)  
}
```

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, 179, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 179, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.7466, 52.9139, 66.1486 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, 179, 207) }
```


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

```
.border{ border-color:rgb(226, 179, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 179, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 179, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 179, 207);  
box-shadow:4px 4px 4px 4px rgb(226, 179,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7466, 52.9139, 66.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 179, 207) }
```

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

```
.background{ background-color: rgb(226,  
179, 207) }
```

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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