

Converting Colors

XYZ(57.6260, 50.5439, 80.9551)

Have a look what the booklet for
XYZ(57.6260, 50.5439, 80.9551)
contains.

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Color

**XYZ(57.5978, 50.5282,
80.8459)**

Conversions

Conversions Part 1

Format	Color
Hex	D8AEE5
RGB	216, 174, 229
RGB Percent	85%, 68%, 90%
CMY	0.1529, 0.3176, 0.1020
CMYK	0.06, 0.24, 0.00, 0.10
HSL	286°, 51%, 79%
HSV	286°, 24%, 90%
XYZ	57.5978, 50.5282, 80.8459
YIQ	192.8280, 7.3770, 26.0090

Conversions

Conversions Part 2

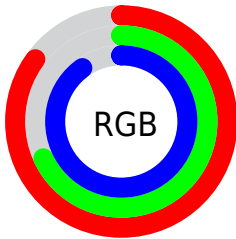
Format	Color
R _Y B	216, 174, 229
Decimal	14200549
CIE Lab	76.39, 24.87, -21.81
CIE LCh	76, 33.079, 318.757
Yxy	50.5282, 0.3048, 0.2674
Android (android.graphics.Color)	4292390629 (0xFFD8AEE5)
YUV	192.8280, 17.8328, 20.3218
Hunter-Lab	71.0832, 20.2407, -17.6748

Details

The XYZ color **57.5978, 50.5282, 80.8459** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1546, 69.6607, 50.5331**, and the grayscale version is **50.4845, 53.1137, 57.8408**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **29.0781, 24.2689, 42.6870** is the 20% darker color. If you saturate the color by 10%, you get **51.9728, 41.6124, 79.4222**, and if you desaturate by 10%, it is **64.0328, 60.9839, 82.5256**.

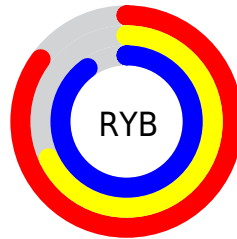
Distribution



Red (85%)

Green (68%)

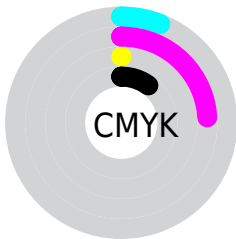
Blue (90%)



Red (85%)

Yellow (68%)

Blue (90%)

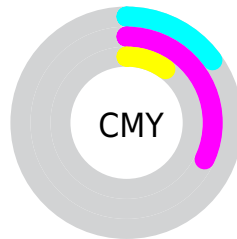


Cyan (6%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (15%)


Magenta (32%)

Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.5978, 50.5282, 80.8459 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 57.5978, 50.5282, 80.8459 by changing the saturation by 10% instead.


 57.5978, 50.5282,
80.8459

 57.5978, 50.5282,
80.8459


405.6636,
388.7279, 517.5608

 41.7274, 35.8333,
59.8844

 100.4633, 90.9570,
136.3765

 29.0781, 24.3055,
42.9008


128.1890,
117.4596, 171.7827

 19.2845, 15.5604,
29.4765


160.5973,
148.6670, 212.8409

 11.9812, 9.2136,
19.1929

198.0534,
184.9634, 259.9696

 6.8030, 4.8808,
11.6315

240.9228,
226.7333, 313.5875

 3.3844, 2.1775,
6.3738

289.5707,

 1.3602, 0.7077,

274.3611, 374.1129

3.0012

344.3625,
328.2312, 441.9645

■ 0.2276, 0.0000,
1.0953

■ 0.0000, 0.0000,
0.0000

■ 57.5978, 50.5282,
80.8459

■ 57.5978, 50.5282,
80.8459

■ 51.9728, 41.6124,
79.4222

■ 64.0328, 60.9839,
82.5256

■ 47.1143, 34.1532,
78.2385

■ 71.3092, 73.0442,
84.4700

■ 42.9818, 28.0693,
77.2820

■ 79.4622, 86.7781,
86.6912

■ 39.5290, 23.2687,
76.5374

■ 85.0465, 95.2944,
88.0407

36.7037, 19.6480,
75.9874

86.8879, 96.2436,
88.1269

34.4458, 17.0876,
75.6122

88.7844, 97.2213,
88.2156

32.6818, 15.4416,
75.3875

90.7364, 98.2276,
88.3070

31.7936, 14.7564,
75.3020

91.1430, 98.4372,
88.3260

Harmonies

Analogous

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



51.9775, 50.5282, 94.2695



57.5978, 50.5282, 80.8459



60.7455, 50.5282, 61.9730

Triad

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



57.5978, 50.5282, 80.8459



50.3968, 50.5282, 27.7825



37.5617, 50.5282, 66.7899

Complementary

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



57.5978, 50.5282, 80.8459



56.1546, 69.6607, 50.5331

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.



37.2181, 50.5282, 48.6013



57.5978, 50.5282, 80.8459



44.2792, 50.5282, 28.5262

Square

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



57.5978, 50.5282, 80.8459



56.3549, 50.5282, 33.0600



39.5773, 50.5282, 35.3737



40.5602, 50.5282, 85.0212

Rectangle

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



57.5978, 50.5282, 80.8459



60.8510, 50.5282, 49.9618



39.5773, 50.5282, 35.3737



37.1421, 50.5282, 60.4014

Sweetspot

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



57.5994, 50.5304, 80.8470



88.0824, 88.3438, 107.0174



49.5303, 50.5178, 81.2699



18.7302, 18.7047, 22.8731



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.



57.5994, 50.5304, 80.8470



69.6832, 58.3823, 102.2040



59.7486, 51.8514, 71.3191



14.6447, 14.4346, 18.1586



18.2897, 8.4946, 43.0588



1.4322, 0.6693, 3.1857

Inverse Universe

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



56.4205, 50.5202, 53.7938



68.0283, 58.4298, 61.4394



54.5268, 68.6586, 57.8166



14.5159, 14.4236, 15.6512



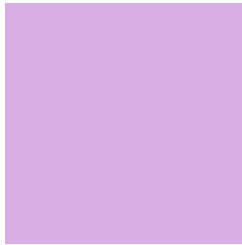
18.8964, 9.6928, 3.0835



1.4319, 0.7305, 0.4151

Previews

White Background



This preview shows how the XYZ color 57.5978, 50.5282, 80.8459 looks on a white background.

Color Contrast Check

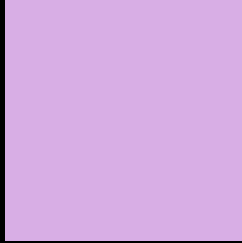
Large Text (above 18pt) WCAG AA × Fail

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 57.5978, 50.5282, 80.8459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

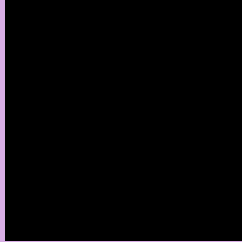
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.5978, 50.5282, 80.8459

Background



This preview shows how black text looks on a background with the XYZ color 57.5978, 50.5282, 80.8459.



This preview shows how white text looks on a background with the XYZ color 57.5978, 50.5282,

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

57.5978, 50.5282, 80.8459

Protanopia

51.1074, 50.9438, 88.0284

Deuteranopia

51.7447, 50.5184, 79.6968



Tritanopia

52.9228, 50.3864, 57.9752

Trichromacy



Original Color

57.5978, 50.5282, 80.8459

Protanomaly

53.2092, 50.5304, 85.5462

Deuteranomaly

53.6136, 50.2497, 80.2722

Tritanomaly

54.6235, 50.4919, 65.8984

Monochromacy



Original Color

57.5978, 50.5282, 80.8459

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.7869, 51.9915, 65.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.5978, 50.5282, 80.8459 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(216, 174, 229)` looks like.

```
.text, #text, p{  
    color:rgb(216, 174, 229)  
}
```

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(216, 174, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 174, 229) }
```

Border

The CSS property to change the border of an element to XYZ 57.5978, 50.5282, 80.8459 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(216, 174, 229) }
```


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

```
.border{ border-color:rgb(216, 174, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 174, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 174, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 174, 229);  
box-shadow:4px 4px 4px 4px rgb(216, 174,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 57.5978, 50.5282, 80.8459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 174, 229) }
```

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

```
.background{ background-color: rgb(216,  
174, 229) }
```

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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