

Converting Colors

XYZ(57.7079, 50.7448, 79.2364)

Have a look what the booklet for
XYZ(57.7079, 50.7448, 79.2364)
contains.

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Color

**XYZ(57.6165, 50.5699,
79.3973)**

Conversions

Conversions Part 1

Format	Color
Hex	D9AEE3
RGB	217, 174, 227
RGB Percent	85%, 68%, 89%
CMY	0.1490, 0.3176, 0.1098
CMYK	0.04, 0.23, 0.00, 0.11
HSL	289°, 49%, 79%
HSV	289°, 23%, 89%
XYZ	57.6165, 50.5699, 79.3973
YIQ	192.8990, 8.6150, 25.5990

Conversions

Conversions Part 2

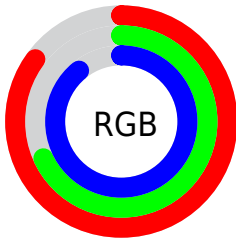
Format	Color
R_{YB}	217, 174, 227
Decimal	14266083
CIE _{Lab}	76.42, 24.81, -20.68
CIE _{LCh}	76, 32.295, 320.193
Yxy	50.5699, 0.3072, 0.2696
Android (android.graphics.Color)	4292456163 (0xFFD9AEE3)
YUV	192.8990, 16.8118, 21.1366
Hunter-Lab	71.1125, 20.1767, -16.4187

Details

The XYZ color **57.6165, 50.5699, 79.3973** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8780, 68.1858, 50.3157**, and the grayscale version is **50.5315, 53.1630, 57.8946**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **29.1841, 24.3347, 42.1886** is the 20% darker color. If you saturate the color by 10%, you get **52.3401, 41.8817, 77.9992**, and if you desaturate by 10%, it is **63.6702, 60.7616, 81.0462**.

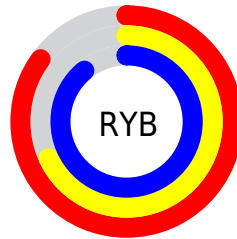
Distribution



Red (85%)

Green (68%)

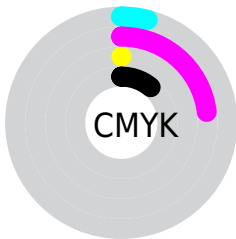
Blue (89%)



Red (85%)

Yellow (68%)

Blue (89%)

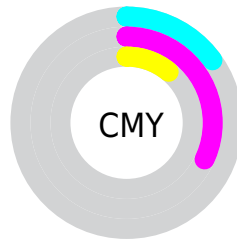


Cyan (4%)

Magenta (23%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (32%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6165, 50.5699, 79.3973 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 57.6165, 50.5699, 79.3973 by changing the saturation by 10% instead.

57.6165, 50.5699,
79.3973

57.6165, 50.5699,
79.3973

405.7323,
388.8904, 512.5525

41.7425, 35.8664,
58.6993

100.4904, 91.0187,
134.3218

29.0899, 24.3311,
41.9527

128.2209,
117.5328, 169.3853

19.2935, 15.5794,
28.7389

160.6344,
148.7526, 210.0744

11.9878, 9.2270,
18.6395

198.0960,
185.0625, 256.8076

6.8075, 4.8895,
11.2359

240.9713,
226.8468, 310.0035

3.3873, 2.1826,
6.1096

289.6256,

1.3617, 0.7105,

274.4899, 370.0806

2.8420

344.4241,
328.3764, 437.4574

■ 0.2287, 0.0000,
1.0145

■ 0.0000, 0.0000,
0.0000

■ 57.6165, 50.5699,
79.3973

■ 57.6165, 50.5699,
79.3973

■ 52.3401, 41.8817,
77.9992

■ 63.6702, 60.7616,
81.0462

■ 47.7987, 34.6158,
76.8361

■ 70.5313, 72.5197,
82.9541

■ 43.9532, 28.6935,
75.8956

■ 78.2340, 85.9113,
85.1330

■ 40.7588, 24.0254,
75.1629

■ 83.6009, 94.5812,
86.5236

38.1653, 20.5113,
74.6214

85.0253, 95.3155,
86.5902

36.1145, 18.0356,
74.2516

86.4839, 96.0675,
86.6585

34.5361, 16.4581,
74.0303

87.9770, 96.8372,
86.7284

33.6734, 15.7576,
73.9405

89.5048, 97.6248,
86.7999

90.8653, 98.3261,
86.8635

Harmonies

Analogous

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



52.2144, 50.5699, 92.8400



57.6165, 50.5699, 79.3973



60.5292, 50.5699, 60.9638

Triad

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



57.6165, 50.5699, 79.3973



50.0840, 50.5699, 28.2217



37.9072, 50.5699, 67.4460

Complementary

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



57.6165, 50.5699, 79.3973



54.8780, 68.1858, 50.3157

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.



37.4416, 50.5699, 49.5540



57.6165, 50.5699, 79.3973



44.1418, 50.5699, 29.2383

Square

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



57.6165, 50.5699, 79.3973



55.9444, 50.5699, 33.1394



39.6324, 50.5699, 36.2891



40.9628, 50.5699, 84.9936

Rectangle

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



57.6165, 50.5699, 79.3973



60.5133, 50.5699, 49.3473



39.6324, 50.5699, 36.2891



37.4532, 50.5699, 61.2018

Sweetspot

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



57.6181, 50.5721, 79.3984



88.3894, 88.5021, 107.0317



48.5882, 49.0778, 79.5859



18.8015, 18.7414, 22.8765



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.



57.6181, 50.5721, 79.3984



71.5638, 60.1289, 102.4420



58.5866, 51.3133, 68.5118



14.7146, 14.4706, 18.1619



19.7317, 9.2380, 43.1263



1.5271, 0.7182, 3.1901

Inverse Universe

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



55.4680, 50.0659, 52.0898



68.3838, 59.4095, 60.7293



54.2098, 67.6515, 58.8609



14.4875, 14.4122, 15.5018



18.7592, 9.6379, 2.3608



1.4180, 0.7249, 0.3415

Previews

White Background



This preview shows how the XYZ color 57.6165, 50.5699, 79.3973 looks on a white background.

Color Contrast Check

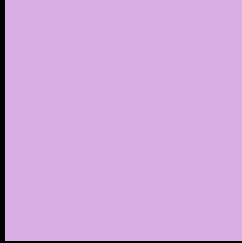
Large Text (above 18pt) WCAG AA × Fail

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 57.6165, 50.5699, 79.3973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

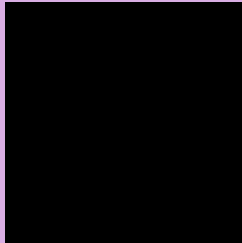
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.6165, 50.5699, 79.3973

Background



This preview shows how black text looks on a background with the XYZ color 57.6165, 50.5699, 79.3973.



This preview shows how white text looks on a background with the XYZ color 57.6165, 50.5699,

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

57.6165, 50.5699, 79.3973

Protanopia

51.0421, 50.9439, 86.4998

Deuteranopia

51.7174, 50.5360, 78.2628



Tritanopia

53.2102, 50.5346, 57.9886

Trichromacy



Original Color

57.6165, 50.5699, 79.3973

Protanomaly

53.1742, 50.5456, 84.0445

Deuteranomaly

53.6019, 50.2756, 78.8305

Tritanomaly

54.7925, 50.5932, 65.2701

Monochromacy



Original Color

57.6165, 50.5699, 79.3973

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.9355, 52.0821, 65.0205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6165, 50.5699, 79.3973 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(217, 174, 227)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 227)  
}
```

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(217, 174, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 227) }
```

Border

The CSS property to change the border of an element to XYZ 57.6165, 50.5699, 79.3973 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(217, 174, 227) }
```


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

```
.border{ border-color:rgb(217, 174, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 227);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6165, 50.5699, 79.3973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 227) }
```

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

```
.background{ background-color: rgb(217,  
174, 227) }
```

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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