

Converting Colors

XYZ(57.2186, 50.8634, 72.9958)

Have a look what the booklet for
XYZ(57.2186, 50.8634, 72.9958)
contains.

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Color

**XYZ(57.1983, 50.7820,
73.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	DBAFDA
RGB	219, 175, 218
RGB Percent	86%, 69%, 85%
CMY	0.1412, 0.3137, 0.1451
CMYK	0.00, 0.20, 0.00, 0.14
HSL	301°, 38%, 77%
HSV	301°, 20%, 86%
XYZ	57.1983, 50.7820, 73.1169
YIQ	193.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

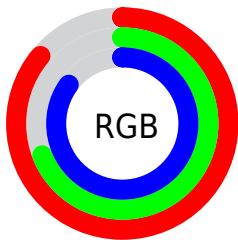
Format	Color
R _Y B	219, 175, 218
Decimal	14397402
CIE Lab	76.55, 23.23, -15.58
CIE LCh	77, 27.966, 326.155
Yxy	50.7820, 0.3158, 0.2804
Android (android.graphics.Color)	4292587482 (0xFFD8AFDA)
YUV	193.0580, 12.2964, 22.7511
Hunter-Lab	71.2615, 18.5661, -10.9507

Details

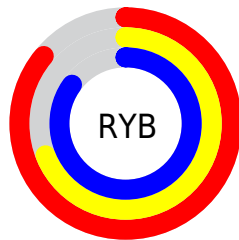
The XYZ color **57.1983, 50.7820, 73.1169** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.8492, 62.9131, 50.5405**, and the grayscale version is **50.6489, 53.2866, 58.0291**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **28.8802, 24.4559, 37.8486** is the 20% darker color. If you saturate the color by 10%, you get **53.2122, 42.9131, 71.4678**, and if you desaturate by 10%, it is **61.8789, 60.0379, 74.9997**.

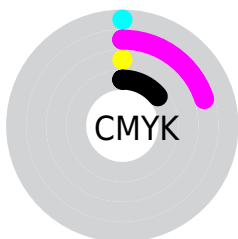
Distribution



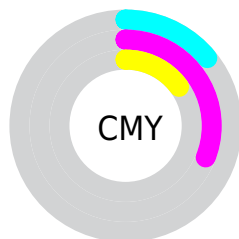
- Red (86%)
- Green (69%)
- Blue (85%)



- Red (86%)
- Yellow (69%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (31%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1983, 50.7820, 73.1169 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 57.1983, 50.7820, 73.1169 by changing the saturation by 10% instead.

■ 57.1983, 50.7820,
73.1169

■ 57.1983, 50.7820,
73.1169

404.1941,
389.7162, 490.5015

■ 41.4052, 36.0351,
53.5792

■ 99.8842, 91.3325,
125.3656

■ 28.8249, 24.4613,
37.8744

127.5077,
117.9048, 158.9136

■ 19.0920, 15.6762,
25.5842

159.8054,
149.1879, 197.9689

■ 11.8412, 9.2953,
16.2898

197.1426,
185.5659, 242.9498

■ 6.7071, 4.9343,
9.5729

239.8847,
227.4234, 294.2750

■ 3.3243, 2.2088,
5.0148

288.3971,

■ 1.3275, 0.7248,

275.1446, 352.3630

2.1971

343.0452,
329.1141, 417.6323

■ 0.2036, 0.0000,
0.6727

■ 0.0000, 0.0000,
0.0000

■ 57.1983, 50.7820,
73.1169

■ 57.1983, 50.7820,
73.1169

■ 53.2122, 42.9131,
71.4678

■ 61.8789, 60.0379,
74.9997

■ 49.8827, 36.3580,
70.0379

■ 67.2804, 70.7361,
77.1231

■ 47.1754, 31.0468,
68.8163

■ 73.4335, 82.9372,
79.4981

■ 45.0508, 26.9007,
67.7900

■ 77.8912, 91.7472,
81.3089

43.4648, 23.8317,
66.9441

77.9572, 91.7736,
81.6568

42.3673, 21.7393,
66.2621

78.0235, 91.8002,
82.0057

41.6987, 20.5043,
65.7240

78.0900, 91.8267,
82.3557

41.3543, 19.9165,
65.2977

78.1566, 91.8534,
82.7067

78.2235, 91.8801,
83.0587

Harmonies

Analogous

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



52.8811, 50.7820, 85.7092



57.1983, 50.7820, 73.1169



59.1202, 50.7820, 57.2656

Triad

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



57.1983, 50.7820, 73.1169



48.9507, 50.7820, 31.0627



39.7163, 50.7820, 69.1236

Complementary

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



57.1983, 50.7820, 73.1169



50.8492, 62.9131, 50.5405

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.



38.8303, 50.7820, 53.3662



57.1983, 50.7820, 73.1169



43.9290, 50.7820, 33.0873

Square

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



57.1983, 50.7820, 73.1169



54.1442, 50.7820, 34.4912



40.3170, 50.7820, 40.6301



42.8309, 50.7820, 83.1243

Rectangle

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



57.1983, 50.7820, 73.1169



58.6885, 50.7820, 47.5921



40.3170, 50.7820, 40.6301



39.1582, 50.7820, 63.7828

Sweetspot

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



57.1998, 50.7842, 73.1180



90.3059, 90.6013, 107.0426



45.9627, 44.9761, 73.2776



19.2236, 19.1833, 22.8699



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.



57.1998, 50.7842, 73.1180



78.3140, 66.8853, 102.2201



54.5394, 49.7200, 59.1082



13.6009, 13.2695, 16.4258



24.5266, 11.8117, 38.7488



1.5931, 0.7669, 2.5322

Inverse Universe

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



57.1998, 50.7842, 73.1180



78.3140, 66.8853, 102.2201



53.1749, 63.8434, 62.7873



13.6009, 13.2695, 16.4258



24.5266, 11.8117, 38.7488



1.5931, 0.7669, 2.5322

Previews

White Background



This preview shows how the XYZ color 57.1983, 50.7820, 73.1169 looks on a white background.

Color Contrast Check

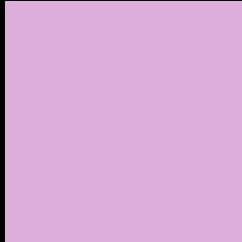
Large Text (above 18pt) WCAG AA × Fail

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 57.1983, 50.7820, 73.1169 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 57.1983, 50.7820, 73.1169

Background



This preview shows how black text looks on a background with the XYZ color 57.1983, 50.7820, 73.1169.



This preview shows how white text looks on a background with the XYZ color 57.1983, 50.7820,

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

57.1983, 50.7820, 73.1169

Protanopia

50.5538, 50.8554, 79.1031

Deuteranopia

52.0408, 50.8409, 72.0362



Tritanopia

54.0646, 50.6894, 57.3866

Trichromacy



Original Color

57.1983, 50.7820, 73.1169

Protanomaly

52.7584, 50.7968, 76.8361

Deuteranomaly

53.9501, 50.8949, 72.6259

Tritanomaly

55.1963, 50.8568, 62.7843

Monochromacy



Original Color

57.1983, 50.7820, 73.1169

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.5767, 51.9386, 63.1312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1983, 50.7820, 73.1169 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(219, 175, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 175, 218)  
}
```

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(219, 175, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 175, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.1983, 50.7820, 73.1169 is called "border". The border property can be set on classes, ids or directly on the HTML element.

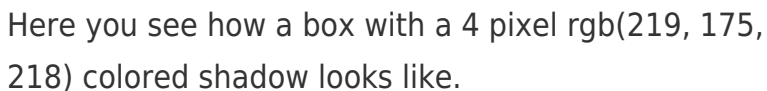
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(219, 175, 218) }
```


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

```
.border{ border-color:rgb(219, 175, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(219, 175, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 175, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 175, 218); box-shadow:4px 4px 4px 4px rgb(219, 175, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1983, 50.7820, 73.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 175, 218) }
```

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

```
.background{ background-color: rgb(219,  
175, 218) }
```

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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