

Converting Colors

XYZ(57.9559, 52.3614, 73.0685)

Have a look what the booklet for
XYZ(57.9559, 52.3614, 73.0685)
contains.

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Color

**XYZ(57.9884, 52.3622,
73.3803)**

Conversions

Conversions Part 1

Format	Color
Hex	DBB3DA
RGB	219, 179, 218
RGB Percent	86%, 70%, 85%
CMY	0.1412, 0.2980, 0.1451
CMYK	0.00, 0.18, 0.00, 0.14
HSL	302°, 36%, 78%
HSV	302°, 18%, 86%
XYZ	57.9884, 52.3622, 73.3803
YIQ	195.4060, 11.3210, 20.6090

Conversions

Conversions Part 2

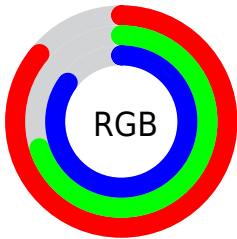
Format	Color
R _Y B	219, 179, 218
Decimal	14398426
CIE Lab	77.50, 21.07, -14.15
CIE LCh	77, 25.376, 326.116
Yxy	52.3622, 0.3156, 0.2850
Android (android.graphics.Color)	4292588506 (0xFFDDBB3DA)
YUV	195.4060, 11.1388, 20.6919
Hunter-Lab	72.3617, 16.4112, -9.4714

Details

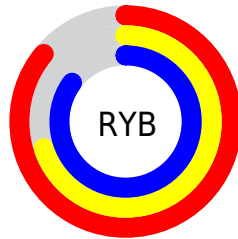
The XYZ color **57.9884, 52.3622, 73.3803** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1622, 63.5436, 52.6987**, and the grayscale version is **52.0461, 54.7565, 59.6298**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **29.3816, 25.4586, 38.0157** is the 20% darker color. If you saturate the color by 10%, you get **53.8720, 44.2431, 71.6557**, and if you desaturate by 10%, it is **62.8052, 61.8801, 75.3407**.

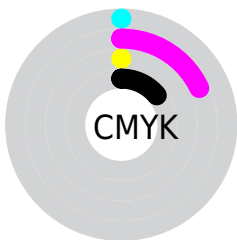
Distribution



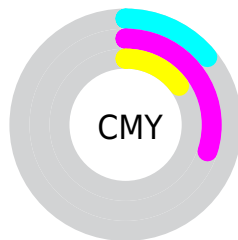
- Red (86%)
- Green (70%)
- Blue (85%)



- Red (86%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.9884, 52.3622, 73.3803 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 57.9884, 52.3622, 73.3803 by changing the saturation by 10% instead.


 57.9884, 52.3622,
73.3803

 57.9884, 52.3622,
73.3803

407.0973,
395.8333, 491.4379

 42.0425, 37.2939,
53.7933

 101.0290, 93.6652,
125.7429

 29.3259, 25.4351,
38.0444

128.8545,
120.6686, 159.3555

 19.4730, 16.4015,
25.7150


161.3706,
152.4192, 198.4804

 12.1186, 9.8087,
16.3867

198.9426,
189.3014, 243.5361

 6.8973, 5.2723,
9.6409

241.9359,
231.6994, 294.9411

 3.4437, 2.4079,
5.0590

290.7159,

 1.3925, 0.8300,

279.9979, 353.1141

2.2226

345.6479,
334.5810, 418.4735

■ 0.2509, 0.0000,
0.6874

■ 0.0000, 0.0000,
0.0000

■ 57.9884, 52.3622,
73.3803

■ 57.9884, 52.3622,
73.3803

■ 53.8720, 44.2431,
71.6557

■ 62.8052, 61.8801,
75.3407

■ 50.4185, 37.4502,
70.1527

■ 68.3484, 72.8512,
77.5438

■ 47.5940, 31.9150,
68.8605

■ 74.6484, 85.3354,
80.0004

■ 45.3598, 27.5599,
67.7662

■ 77.9176, 91.7578,
81.4478

43.6727, 24.2986,
66.8554

77.9903, 91.7869,
81.8310

42.4838, 22.0336,
66.1119

78.0633, 91.8161,
82.2154

41.7357, 20.6496,
65.5165

78.1366, 91.8454,
82.6010

41.3442, 19.9785,
65.0411

78.2100, 91.8748,
82.9880

41.2908, 19.8911,
64.9635

78.2837, 91.9042,
83.3761

Harmonies

Analogous

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



54.0228, 52.3622, 84.7673



57.9884, 52.3622, 73.3803



59.7500, 52.3622, 58.8569

Triad

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



57.9884, 52.3622, 73.3803



50.4083, 52.3622, 34.1489



41.7955, 52.3622, 69.7056

Complementary

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



57.9884, 52.3622, 73.3803



52.1622, 63.5436, 52.6987

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.



40.9659, 52.3622, 55.2091



57.9884, 52.3622, 73.3803



45.7440, 52.3622, 36.0939

Square

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



57.9884, 52.3622, 73.3803



55.1962, 52.3622, 37.4554



42.3649, 52.3622, 43.2815



44.7092, 52.3622, 82.4136

Rectangle

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



57.9884, 52.3622, 73.3803



59.3579, 52.3622, 49.8616



42.3649, 52.3622, 43.2815



41.2722, 52.3622, 64.8186

Sweetspot

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



57.9900, 52.3645, 73.3814



91.0653, 92.1127, 107.3187



47.6535, 47.0206, 73.5831



19.3764, 19.4878, 22.9246



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.



57.9900, 52.3645, 73.3814



79.4653, 69.1908, 102.5948



55.5669, 51.3952, 60.6214



13.5996, 13.2689, 16.4187



24.4896, 11.7969, 38.5537



1.5911, 0.7661, 2.5217

Inverse Universe

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



57.9900, 52.3645, 73.3814



79.4653, 69.1908, 102.5948



54.3102, 64.4028, 64.0100



13.5996, 13.2689, 16.4187



24.4896, 11.7969, 38.5537



1.5911, 0.7661, 2.5217

Previews

White Background



This preview shows how the XYZ color 57.9884, 52.3622, 73.3803 looks on a white background.

Color Contrast Check

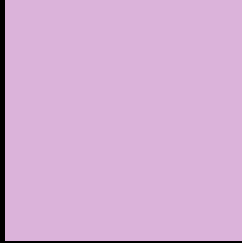
Large Text (above 18pt) WCAG AA × Fail

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 57.9884, 52.3622, 73.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

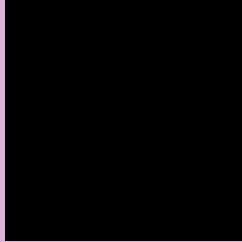
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9884, 52.3622, 73.3803

Background



This preview shows how black text looks on a background with the XYZ color 57.9884, 52.3622, 73.3803.



This preview shows how white text looks on a background with the XYZ color 57.9884, 52.3622,

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

57.9884, 52.3622, 73.3803

Protanopia

52.0116, 52.5774, 78.6413

Deuteranopia

53.8479, 52.6925, 72.9782



Tritanopia

55.3304, 52.4971, 60.0401

Trichromacy



Original Color

57.9884, 52.3622, 73.3803

Protanomaly

53.7697, 52.2621, 76.3609

Deuteranomaly

55.1185, 52.4125, 72.8572

Tritanomaly

56.3627, 52.6154, 64.9428

Monochromacy



Original Color

57.9884, 52.3622, 73.3803

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8789, 53.5444, 63.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9884, 52.3622, 73.3803 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, 179, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 179, 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, 179, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 179, 218) }
```

Border

The CSS property to change the border of an element to XYZ 57.9884, 52.3622, 73.3803 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, 179, 218) }
```


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

```
.border{ border-color:rgb(219, 179, 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, 179, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 179, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 179, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 179,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9884, 52.3622, 73.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 179, 218) }
```

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

```
.background{ background-color: rgb(219,  
179, 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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