

Converting Colors

XYZ(59.8762, 50.6864, 92.8538)

Have a look what the booklet for
XYZ(59.8762, 50.6864, 92.8538)
contains.

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Color

**XYZ(59.9578, 50.6238,
92.9975)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | DAABF5 |
| RGB | 218, 171, 245 |
| RGB Percent | 85%, 67%, 96% |
| CMY | 0.1451, 0.3294, 0.0392 |
| CMYK | 0.11, 0.30, 0.00, 0.04 |
| HSL | 278°, 79%, 82% |
| HSV | 278°, 30%, 96% |
| XYZ | 59.9578, 50.6238, 92.9975 |
| YIQ | 193.4890, 4.2580, 32.9780 |

Conversions

Conversions Part 2

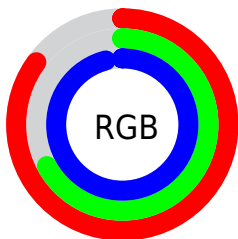
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 218, 171, 245 |
| Decimal | 14330869 |
| CIE Lab | 76.45, 30.32, -30.36 |
| CIE LCh | 76, 42.910, 314.965 |
| Yxy | 50.6238, 0.2945, 0.2487 |
| Android (android.graphics.Color) | 4292520949 (0xFFDAABF5) |
| YUV | 193.4890, 25.3949, 21.4961 |
| Hunter-Lab | 71.1504, 25.9071, -27.6900 |

Details

The XYZ color **59.9578, 50.6238, 92.9975** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **63.2934, 80.2521, 50.6846**, and the grayscale version is **50.8311, 53.4783, 58.2378**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.5640, 24.3124, 51.2260** is the 20% darker color. If you saturate the color by 10%, you get **53.1507, 40.8708, 91.4745**, and if you desaturate by 10%, it is **67.7701, 62.1708, 94.8153**.

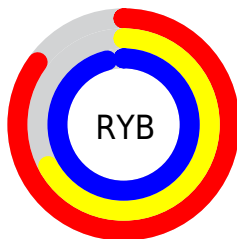
Distribution



Red (85%)

Green (67%)

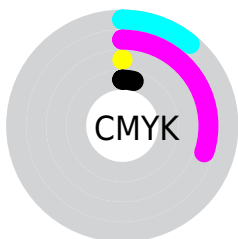
Blue (96%)



Red (85%)

Yellow (67%)

Blue (96%)

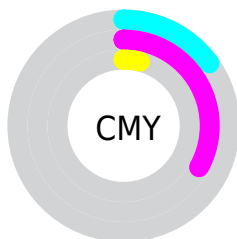


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (4%)



Cyan (15%)

Magenta (33%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9578, 50.6238, 92.9975 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 59.9578, 50.6238, 92.9975 by changing the saturation by 10% instead.

■ 59.9578, 50.6238,
92.9975

■ 59.9578, 50.6238,
92.9975

414.2794,
389.1004, 558.5539

■ 43.6340, 35.9093,
69.8818

■ 103.8751, 91.0984,
153.4668

■ 30.5795, 24.3642,
50.9539

132.1993,
117.6274, 191.6575

■ 20.4291, 15.6040,
35.7955

165.2544,
148.8632, 235.7103

■ 12.8174, 9.2444,
23.9878

203.4056,
185.1904, 286.0436

■ 7.3791, 4.9009,
15.1125

247.0184,
226.9934, 343.0761

■ 3.7487, 2.1892,
8.7509

296.4580,

■ 1.5610, 0.7141,

274.6564, 407.2263

4.4845

352.0899,
328.5639, 478.9127

■ 0.3668, 0.0000,
1.8947

■ 0.0000, 0.0000,
0.4894

■ 59.9578, 50.6238,
92.9975

■ 59.9578, 50.6238,
92.9975

■ 53.1507, 40.8708,
91.4745

■ 67.7701, 62.1708,
94.8153

■ 47.2941, 32.8092,
90.2272

■ 76.6285, 75.5940,
96.9394

■ 42.3353, 26.3358,
89.2390

■ 86.5778, 90.9784,
99.3845

■ 38.2138, 21.3332,
88.4907

■ 93.0266, 99.1381,
100.6196

■ 34.8606, 17.6671,
87.9598

■ 93.4816, 99.3726,
100.6409

■ 32.1939, 15.1776,
87.6198

■ 30.1162, 13.6216,
87.4290

Harmonies

Analogous

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



52.2429, 50.6238, 110.2811



59.9578, 50.6238, 92.9975



64.7432, 50.6238, 67.4937

Triad

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



59.9578, 50.6238, 92.9975



52.2622, 50.6238, 22.3374



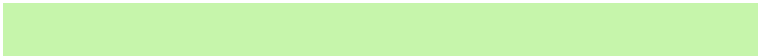
34.6079, 50.6238, 67.4337

Complementary

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



59.9578, 50.6238, 92.9975



63.2934, 80.2521, 50.6846

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.



34.6118, 50.6238, 44.3606



59.9578, 50.6238, 92.9975



44.2131, 50.6238, 22.3297

Square

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



59.9578, 50.6238, 92.9975



59.9733, 50.6238, 29.2675



37.9467, 50.6238, 29.2423



37.9353, 50.6238, 92.9431

Rectangle

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



59.9578, 50.6238, 92.9975



65.3224, 50.6238, 51.3570



37.9467, 50.6238, 29.2423



34.2329, 50.6238, 59.0640

Sweetspot

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



59.9595, 50.6259, 92.9986



85.1468, 84.6677, 106.4625



53.5025, 55.7017, 94.3187



17.9021, 17.6275, 22.7089



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.



59.9595, 50.6259, 92.9986



61.1556, 48.9371, 100.8303



67.2352, 54.5461, 85.6842



16.5932, 16.4484, 20.8429



16.3814, 7.4192, 47.1067



1.5523, 0.7101, 4.1455

Inverse Universe

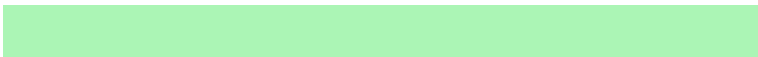
The Inverse Universe completely reimagines the original color for something new.



62.4137, 52.6176, 60.2948



64.4158, 51.5427, 59.1938



57.7755, 77.2948, 55.5208



16.7490, 16.5825, 18.4250



21.3271, 10.8743, 6.4309



1.9220, 0.9748, 0.8159

Previews

White Background



This preview shows how the XYZ color 59.9578, 50.6238, 92.9975 looks on a white background.

Color Contrast Check

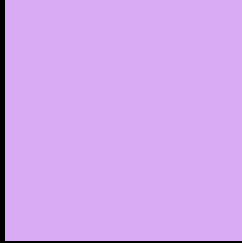
Large Text (above 18pt) WCAG AA × Fail

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 59.9578, 50.6238, 92.9975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

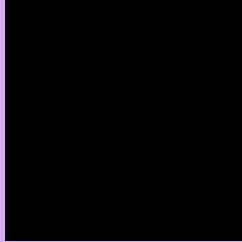
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9578, 50.6238, 92.9975

Background



This preview shows how black text looks on a background with the XYZ color 59.9578, 50.6238, 92.9975.



This preview shows how white text looks on a background with the XYZ color 59.9578, 50.6238,

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

59.9578, 50.6238, 92.9975

Protanopia

51.9711, 50.7728, 101.6687

Deuteranopia

51.9664, 50.6924, 91.0501



Tritanopia

52.9525, 50.6895, 58.6229

Trichromacy



Original Color

59.9578, 50.6238, 92.9975



Protanomaly

54.4300, 50.5776, 98.1605



Deuteranomaly

54.4912, 50.4510, 91.6600



Tritanomaly

55.1730, 50.3945, 69.7700

Monochromacy



Original Color

59.9578, 50.6238, 92.9975



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.5897, 52.0079, 69.5014

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9578, 50.6238, 92.9975 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(218, 171, 245)` looks like.

```
.text, #text, p{  
    color:rgb(218, 171, 245)  
}
```

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(218, 171, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 171, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.9578, 50.6238, 92.9975 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(218, 171, 245) }
```


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

```
.border{ border-color:rgb(218, 171, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 171, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 171, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 171, 245);  
box-shadow:4px 4px 4px 4px rgb(218, 171,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9578, 50.6238, 92.9975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 171, 245) }
```

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

```
.background{ background-color: rgb(218,  
171, 245) }
```

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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