

Converting Colors

XYZ(59.1970, 50.3403, 80.6642)

Have a look what the booklet for
XYZ(59.1970, 50.3403, 80.6642)
contains.

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Color

**XYZ(59.2581, 50.2539,
80.7055)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AAE5
RGB	224, 170, 229
RGB Percent	88%, 67%, 90%
CMY	0.1216, 0.3333, 0.1020
CMYK	0.02, 0.26, 0.00, 0.10
HSL	295°, 53%, 78%
HSV	295°, 26%, 90%
XYZ	59.2581, 50.2539, 80.7055
YIQ	192.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

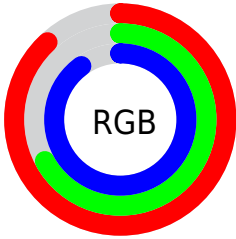
Format	Color
R _Y B	224, 170, 229
Decimal	14723813
CIE Lab	76.22, 29.62, -21.99
CIE LCh	76, 36.893, 323.410
Yxy	50.2539, 0.3115, 0.2642
Android (android.graphics.Color)	4292913893 (0xFFE0AAE5)
YUV	192.8720, 17.8111, 27.2993
Hunter-Lab	70.8900, 25.1536, -17.8764

Details

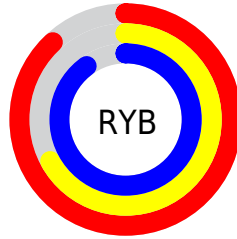
The XYZ color **59.2581, 50.2539, 80.7055** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.9559, 68.0561, 48.3777**, and the grayscale version is **50.5080, 53.1384, 57.8677**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **30.0526, 24.0645, 42.5961** is the 20% darker color. If you saturate the color by 10%, you get **54.7360, 42.0965, 79.3701**, and if you desaturate by 10%, it is **64.5379, 59.9146, 82.2927**.

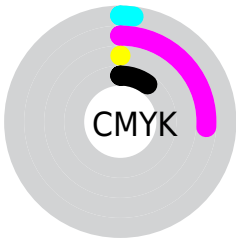
Distribution



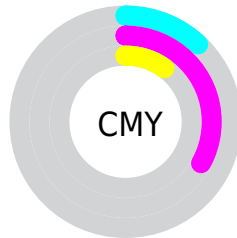
- Red (88%)
- Green (67%)
- Blue (90%)



- Red (88%)
- Yellow (67%)
- Blue (90%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2581, 50.2539, 80.7055 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 59.2581, 50.2539, 80.7055 by changing the saturation by 10% instead.

■ 59.2581, 50.2539,
80.7055

■ 59.2581, 50.2539,
80.7055

411.7364,
387.6580, 517.0766

■ 43.0681, 35.6152,
59.7695

■ 102.8652, 90.5510,
136.1775

■ 30.1333, 24.1371,
42.8088

131.0130,
116.9781, 171.5506

■ 20.0884, 15.4354,
29.4048

163.8774,
148.1035, 212.5732

■ 12.5679, 9.1255,
19.1391

201.8238,
184.3115, 259.6637

■ 7.2066, 4.8231,
11.5930

245.2175,
225.9866, 313.2408

■ 3.6391, 2.1439,
6.3480

294.4240,

■ 1.5001, 0.6891,

273.5131, 373.7229

2.9856

349.8085,
327.2754, 441.5287

■ 0.3259, 0.0000,
1.0873

■ 0.0000, 0.0000,
0.0000

■ 59.2581, 50.2539,
80.7055

■ 59.2581, 50.2539,
80.7055

■ 54.7360, 42.0965,
79.3701

■ 64.5379, 59.9146,
82.2927

■ 50.9281, 35.3584,
78.2702

■ 70.6067, 71.1440,
84.1403

■ 47.7937, 29.9570,
77.3928

■ 77.4998, 84.0115,
86.2607

■ 45.2860, 25.7991,
76.7224

■ 83.1051, 94.2935,
87.9499

43.3522, 22.7789,
76.2414

83.7377, 94.6196,
87.9795

41.9308, 20.7735,
75.9292

84.3773, 94.9494,
88.0094

40.9458, 19.6309,
75.7606

85.0239, 95.2827,
88.0397

40.6064, 19.2996,
75.7145

85.6775, 95.6196,
88.0703

86.3381, 95.9602,
88.1012

Harmonies

Analogous

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



53.2457, 50.2539, 97.6396



59.2581, 50.2539, 80.7055



62.2311, 50.2539, 59.2064

Triad

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



59.2581, 50.2539, 80.7055



49.3074, 50.2539, 24.9334



36.5706, 50.2539, 71.2878

Complementary

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



59.2581, 50.2539, 80.7055



52.9559, 68.0561, 48.3777

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.



35.7345, 50.2539, 50.4623



59.2581, 50.2539, 80.7055



42.6736, 50.2539, 26.6801

Square

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



59.2581, 50.2539, 80.7055



56.1387, 50.2539, 29.4806



37.8629, 50.2539, 35.0102



40.2681, 50.2539, 91.3491

Rectangle

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



59.2581, 50.2539, 80.7055



61.9040, 50.2539, 46.3518



37.8629, 50.2539, 35.0102



35.9613, 50.2539, 64.0346

Sweetspot

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



59.2597, 50.2561, 80.7066



88.2508, 87.3415, 106.8150



46.2283, 45.2171, 80.4208



18.6319, 18.2175, 22.7843



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.



59.2597, 50.2561, 80.7066



72.3839, 58.2626, 102.0385



57.7572, 49.8367, 64.5881



14.8683, 14.5499, 18.1691



23.2671, 11.0605, 43.2918



1.7551, 0.8357, 3.2008

Inverse Universe

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



54.4274, 48.5048, 47.0534



65.2662, 55.6953, 51.9186



54.2913, 68.4630, 61.1589



14.4263, 14.3877, 15.1794



18.5622, 9.5591, 1.3234



1.3889, 0.7133, 0.1886

Previews

White Background



This preview shows how the XYZ color 59.2581, 50.2539, 80.7055 looks on a white background.

Color Contrast Check

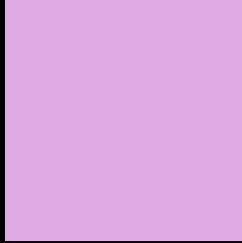
Large Text (above 18pt) WCAG AA × Fail

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 59.2581, 50.2539, 80.7055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

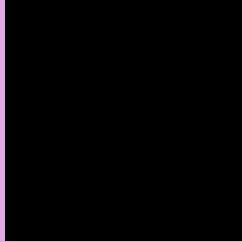
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2581, 50.2539, 80.7055

Background



This preview shows how black text looks on a background with the XYZ color 59.2581, 50.2539, 80.7055.



This preview shows how white text looks on a background with the XYZ color 59.2581, 50.2539,

80.7055.

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

59.2581, 50.2539, 80.7055

Protanopia

50.7426, 50.4078, 89.4933

Deuteranopia

51.6070, 50.4633, 78.9719



Tritanopia

54.3395, 50.2659, 56.1285

Trichromacy



Original Color

59.2581, 50.2539, 80.7055



Protanomaly

53.1998, 49.9051, 86.1856



Deuteranomaly

54.0726, 50.2038, 79.5134



Tritanomaly

55.9743, 50.0520, 64.4685

Monochromacy



Original Color

59.2581, 50.2539, 80.7055



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.3914, 51.9915, 65.6139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2581, 50.2539, 80.7055 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(224, 170, 229)` looks like.

```
.text, #text, p{  
    color:rgb(224, 170, 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(224, 170, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 170, 229) }
```

Border

The CSS property to change the border of an element to XYZ 59.2581, 50.2539, 80.7055 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(224, 170, 229) }
```


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

```
.border{ border-color:rgb(224, 170, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 170, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 170, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 170, 229);  
box-shadow:4px 4px 4px 4px rgb(224, 170,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2581, 50.2539, 80.7055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 170, 229) }
```

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

```
.background{ background-color: rgb(224,  
170, 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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