

Converting Colors

XYZ(39.6330, 29.5585, 58.2601)

Have a look what the booklet for XYZ(39.6330, 29.5585, 58.2601) contains.

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Color

**XYZ(39.6330, 29.5585,
58.2601)**

Conversions

Conversions Part 1

Format	Color
Hex	C27AC8
RGB	194, 122, 200
RGB Percent	76%, 48%, 78%
CMY	0.2392, 0.5216, 0.2157
CMYK	0.03, 0.39, 0.00, 0.22
HSL	295°, 41%, 63%
HSV	295°, 39%, 78%
XYZ	39.6330, 29.5585, 58.2601
YIQ	152.4200, 17.8740, 39.5220

Conversions

Conversions Part 2

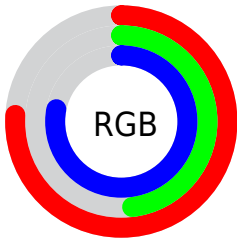
Format	Color
RYB	194, 122, 200
Decimal	12745416
CIELab	61.27, 40.48, -29.14
CIELCh	61, 49.877, 324.249
Yxy	29.5585, 0.3110, 0.2319
Android (android.graphics.Color)	4290935496 (0xFFC27AC8)
YUV	152.4200, 23.4569, 36.4657
Hunter-Lab	54.3677, 34.9794, -25.4774

Details

The XYZ color **39.6330, 29.5585, 58.2601** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.0702, 47.3036, 25.8012**, and the grayscale version is **29.9236, 31.4820, 34.2839**.

A 20% lighter version of the original color is **73.7202, 58.9661, 102.1039**, and **18.0890, 12.0708, 28.5706** is the 20% darker color. If you saturate the color by 10%, you get **37.0329, 24.9407, 57.5063**, and if you desaturate by 10%, it is **42.7445, 35.1916, 59.1838**.

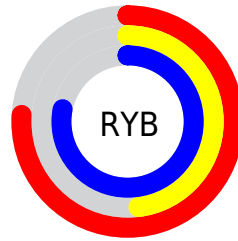
Distribution



Red (76%)

Green (48%)

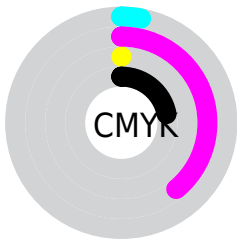
Blue (78%)



Red (76%)

Yellow (48%)

Blue (78%)

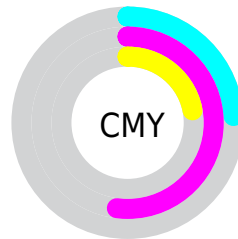


Cyan (3%)

Magenta (39%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (52%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.6330, 29.5585, 58.2601 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 39.6330, 29.5585, 58.2601 by changing the saturation by 10% instead.

■ 39.6330, 29.5585,
58.2601

■ 39.6330, 29.5585,
58.2601

335.7353,
299.8411, 435.7797

■ 27.4355, 19.5037,
41.6017

■ 73.8922, 58.9633,
103.8200

■ 18.0388, 12.0348,
28.4663

■ 96.6846, 79.0820,
133.5587

■ 11.0777, 6.7674,
18.4354

■ 123.7394,
103.3243, 168.4945

■ 6.1868, 3.3171,
11.0903

155.4218,
132.0744, 209.0460

■ 3.0007, 1.2994,
6.0127

192.0972,
165.7167, 255.6317

■ 1.1542, 0.1408,
2.7839

234.1310,

■ 0.0697, 0.0000,

204.6356, 308.6702

0.9854

281.8886,
249.2156, 368.5800

■ 0.0000, 0.0000,
0.0000

■ 39.6330, 29.5585,
58.2601

■ 39.6330, 29.5585,
58.2601

■ 37.0329, 24.9407,
57.5063

■ 42.7445, 35.1916,
59.1838

■ 34.9100, 21.2720,
56.9100

■ 46.3930, 41.8932,
60.2851

■ 33.2305, 18.4842,
56.4604


■ 50.6058, 49.7176,
61.5733


■ 31.9552, 16.4985,
56.1444


■ 55.4078, 58.7140,
63.0567


■ 31.0374, 15.2221,
55.9464


■ 60.8221, 68.9289,
64.7430

 30.3996, 14.4995,
55.8405

 66.8707, 80.4062,
66.6396

 30.3408, 14.4369,
55.8315

 71.2988, 88.6366,
67.9948

 71.7247, 88.8561,
68.0147

 72.1547, 89.0778,
68.0348

Harmonies

Analogous

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



33.6035, 29.5585, 77.6723



39.6330, 29.5585, 58.2601



42.6166, 29.5585, 35.9439

Triad

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



39.6330, 29.5585, 58.2601



29.3783, 29.5585, 7.9523



18.0863, 29.5585, 49.4296

Complementary

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



39.6330, 29.5585, 58.2601



33.0702, 47.3036, 25.8012

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.



17.3146, 29.5585, 28.6962



39.6330, 29.5585, 58.2601



23.2230, 29.5585, 9.1963

Square

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



39.6330, 29.5585, 58.2601



36.1328, 29.5585, 10.8588



19.0457, 29.5585, 15.3474



21.3465, 29.5585, 71.3358

Rectangle

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



39.6330, 29.5585, 58.2601



42.1892, 29.5585, 24.0817



19.0457, 29.5585, 15.3474



17.5509, 29.5585, 41.9264

Sweetspot

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



39.6340, 29.5598, 58.2607



85.1927, 81.5629, 105.8608



26.2371, 23.8782, 57.8702



18.0246, 17.0671, 22.5942



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.



39.6340, 29.5598, 58.2607



64.6643, 44.1432, 99.7200



37.8013, 29.0082, 40.4099



10.9995, 10.7735, 13.4173



19.3259, 9.1971, 35.5010



0.9396, 0.4481, 1.6821

Inverse Universe

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



34.6762, 27.7582, 23.9535



54.9872, 40.6547, 31.4825



34.5558, 47.7967, 38.1963



10.6664, 10.6500, 11.2267



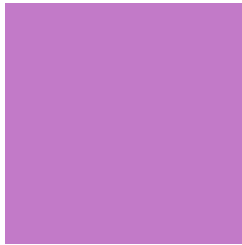
15.2150, 7.8356, 1.0763



0.7322, 0.3757, 0.1128

Previews

White Background



This preview shows how the XYZ color 39.6330, 29.5585, 58.2601 looks on a white background.

Color Contrast Check

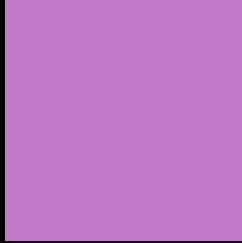
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6330, 29.5585, 58.2601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

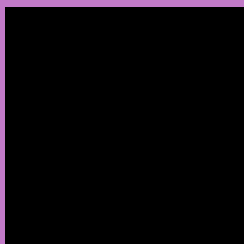
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.6330, 29.5585, 58.2601

Background



This preview shows how black text looks on a background with the XYZ color 39.6330, 29.5585, 58.2601.



This preview shows how white text looks on a background with the XYZ color 39.6330, 29.5585,

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

39.6330, 29.5585, 58.2601

Protanopia

31.3772, 29.9573, 71.1464

Deuteranopia

30.5592, 29.8617, 56.3778



Tritanopia

33.8088, 29.5029, 30.2983

Trichromacy



Original Color

39.6330, 29.5585, 58.2601



Protanomaly

33.2238, 29.0343, 66.1405



Deuteranomaly

33.1243, 29.1916, 56.7120



Tritanomaly

35.6697, 29.4644, 38.9292

Monochromacy



Original Color

39.6330, 29.5585, 58.2601



Achromatopsia

29.8446, 31.3989, 34.1934



Achromatomaly

32.6227, 30.1298, 41.6324

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6330, 29.5585, 58.2601 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(194, 122, 200)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 200)  
}
```

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(194, 122, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 200) }
```

Border

The CSS property to change the border of an element to XYZ 39.6330, 29.5585, 58.2601 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(194, 122, 200) }
```


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

```
.border{ border-color:rgb(194, 122, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 122, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 122, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 122, 200);  
box-shadow:4px 4px 4px 4px rgb(194, 122,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6330, 29.5585, 58.2601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 122, 200) }
```

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

```
.background{ background-color: rgb(194,  
122, 200) }
```

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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