

Converting Colors

XYZ(33.5250, 25.2802, 32.0030)

Have a look what the booklet for
XYZ(33.5250, 25.2802, 32.0030)
contains.

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Color

**XYZ(33.5473, 25.2597,
31.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	C27096
RGB	194, 112, 150
RGB Percent	76%, 44%, 59%
CMY	0.2392, 0.5608, 0.4118
CMYK	0.00, 0.42, 0.23, 0.24
HSL	332°, 40%, 60%
HSV	332°, 42%, 76%
XYZ	33.5473, 25.2597, 31.9616
YIQ	140.8500, 36.6740, 29.2020

Conversions

Conversions Part 2

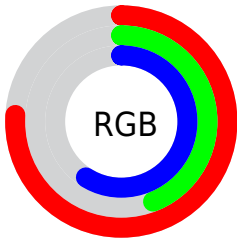
Format	Color
RYB	194, 112, 150
Decimal	12742806
CIELab	57.33, 37.29, -6.49
CIElCh	57, 37.848, 350.123
Yxy	25.2597, 0.3696, 0.2783
Android (android.graphics.Color)	4290932886 (0xFFC27096)
YUV	140.8500, 4.5110, 46.6126
Hunter-Lab	50.2590, 31.1933, -2.5234

Details

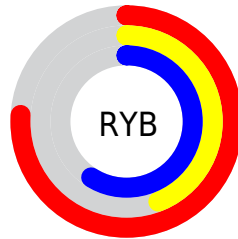
The XYZ color **33.5473, 25.2597, 31.9616** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.9758, 44.4293, 38.3451**, and the grayscale version is **25.2322, 26.5463, 28.9089**.

A 20% lighter version of the original color is **64.4991, 51.9653, 63.7576**, and **14.4021, 9.6416, 12.9063** is the 20% darker color. If you saturate the color by 10%, you get **30.8315, 21.1103, 27.1026**, and if you desaturate by 10%, it is **36.8002, 30.3635, 37.3677**.

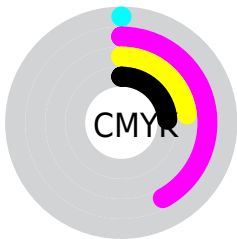
Distribution



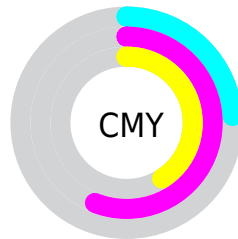
- Red (76%)
- Green (44%)
- Blue (59%)



- Red (76%)
- Yellow (44%)
- Blue (59%)



- Cyan (0%)
- Magenta (42%)
- Yellow (23%)
- Black (24%)




- Cyan (24%)
- Magenta (56%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5473, 25.2597, 31.9616 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 33.5473, 25.2597, 31.9616 by changing the saturation by 10% instead.

 33.5473, 25.2597,
31.9616


 33.5473, 25.2597,
31.9616


309.7303,
279.1288, 325.4316


 22.7073, 16.2706,
21.0676


 64.5780, 52.0782,
63.8481


 14.4970, 9.7159,
12.9817


 85.4995, 70.6765,
85.6777

 8.5512, 5.2110,
7.2854


 110.5121, 93.2466,
111.9895

 4.5043, 2.3716,
3.5601

 139.9812,
120.1729, 143.2021

 1.9912, 0.8112,
1.3872

174.2723,
151.8400, 179.7341

 0.6290, 0.0000,
0.1317

213.7506,

 0.0000, 0.0000,

188.6320, 222.0040

0.0000

258.7814,
230.9335, 270.4303

■ 33.5473, 25.2597,
31.9616

■ 33.5473, 25.2597,
31.9616

■ 30.8315, 21.1103,
27.1026

■ 36.8002, 30.3635,
37.3677

■ 28.6187, 17.8512,
22.7689

■ 40.6172, 36.4734,
43.3381

■ 26.8743, 15.4160,
18.9395


■ 45.0257, 43.6416,
49.8913


■ 25.5578, 13.7271,
15.5904


■ 50.0511, 51.9155,
57.0441


■ 24.6213, 12.6920,
12.6948


■ 55.7169, 61.3397,
64.8127

 24.0893, 12.2058,
10.7362

 62.0454, 71.9564,
73.2126

 69.0580, 83.8055,
82.2586

 72.7567, 88.8888,
90.6256

 74.2908, 89.5024,
98.7043

Harmonies

Analogous

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



31.2543, 25.2597, 46.5739



33.5473, 25.2597, 31.9616



33.0515, 25.2597, 19.8506

Triad

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



33.5473, 25.2597, 31.9616



21.1619, 25.2597, 10.2192



18.8926, 25.2597, 51.1478

Complementary

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



33.5473, 25.2597, 31.9616



31.9758, 44.4293, 38.3451

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.



16.7868, 25.2597, 36.9069



33.5473, 25.2597, 31.9616



17.9793, 25.2597, 14.5121

Square

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



33.5473, 25.2597, 31.9616



25.5185, 25.2597, 9.6403



16.4746, 25.2597, 23.4805



22.5594, 25.2597, 59.7205

Rectangle

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



33.5473, 25.2597, 31.9616



31.2259, 25.2597, 14.4590



16.4746, 25.2597, 23.4805



17.9990, 25.2597, 46.6899

Sweetspot

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



33.5480, 25.2609, 31.9621



80.7768, 77.7616, 89.2276



29.1916, 22.5262, 53.8485



17.2798, 16.3606, 18.9393



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.



33.5480, 25.2609, 31.9621



56.0631, 38.5539, 49.4839



31.2741, 24.8412, 18.4773



10.2630, 10.1538, 11.4756



15.8785, 8.0412, 7.2723



0.7208, 0.3613, 0.4973

Inverse Universe

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



33.5480, 25.2609, 31.9621



56.0631, 38.5539, 49.4839



35.1095, 44.7184, 57.8201



10.2630, 10.1538, 11.4756



15.8785, 8.0412, 7.2723



0.7208, 0.3613, 0.4973

Previews

White Background



This preview shows how the XYZ color 33.5473, 25.2597, 31.9616 looks on a white background.

Color Contrast Check

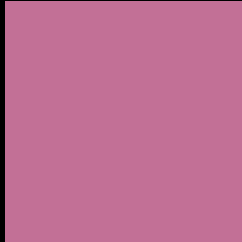
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5473, 25.2597, 31.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

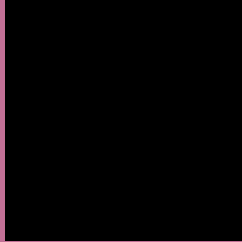
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5473, 25.2597, 31.9616

Background



This preview shows how black text looks on a background with the XYZ color 33.5473, 25.2597, 31.9616.



This preview shows how white text looks on a background with the XYZ color 33.5473, 25.2597,

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

33.5473, 25.2597, 31.9616

Protanopia

25.3443, 25.5500, 39.6723

Deuteranopia

25.9261, 25.4214, 30.7345



Tritanopia

31.5488, 25.2796, 22.6187

Trichromacy



Original Color

33.5473, 25.2597, 31.9616

Protanomaly

27.5819, 24.9450, 36.6188

Deuteranomaly

28.2444, 25.0276, 30.9459

Tritanomaly

32.1720, 25.1892, 25.7206

Monochromacy



Original Color

33.5473, 25.2597, 31.9616

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5139, 25.4525, 29.8482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5473, 25.2597, 31.9616 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, 112, 150)` looks like.

```
.text, #text, p{  
    color:rgb(194, 112, 150)  
}
```

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, 112, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 112, 150) }
```

Border

The CSS property to change the border of an element to XYZ 33.5473, 25.2597, 31.9616 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, 112, 150) }
```


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

```
.border{ border-color:rgb(194, 112, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 112, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 112, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 112, 150);  
box-shadow:4px 4px 4px 4px rgb(194, 112,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5473, 25.2597, 31.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 112, 150) }
```

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

```
.background{ background-color: rgb(194,  
112, 150) }
```

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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