

Converting Colors

XYZ(35.2778, 27.0725, 31.4017)

Have a look what the booklet for
XYZ(35.2778, 27.0725, 31.4017)
contains.

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Color

**XYZ(35.2598, 27.0028,
31.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	C77594
RGB	199, 117, 148
RGB Percent	78%, 46%, 58%
CMY	0.2196, 0.5412, 0.4196
CMYK	0.00, 0.41, 0.26, 0.22
HSL	337°, 42%, 62%
HSV	337°, 41%, 78%
XYZ	35.2598, 27.0028, 31.3706
YIQ	145.0520, 38.9210, 27.0250

Conversions

Conversions Part 2

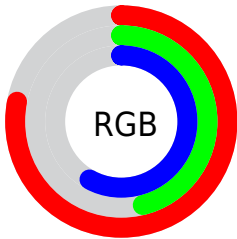
Format	Color
R_{YB}	199, 117, 148
Decimal	13071764
CIE _{Lab}	58.98, 36.09, -2.82
CIE _{LCh}	59, 36.201, 355.526
Yxy	27.0028, 0.3766, 0.2884
Android (android.graphics.Color)	4291261844 (0xFFC77594)
YUV	145.0520, 1.4534, 47.3124
Hunter-Lab	51.9642, 30.1820, 0.5818

Details

The XYZ color **35.2598, 27.0028, 31.3706** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.8287, 47.4567, 44.3726**, and the grayscale version is **26.9187, 28.3205, 30.8411**.

A 20% lighter version of the original color is **66.2754, 54.2737, 62.8599**, and **15.4336, 10.5991, 12.5417** is the 20% darker color. If you saturate the color by 10%, you get **32.2549, 22.4779, 25.7910**, and if you desaturate by 10%, it is **38.8638, 32.5579, 37.6674**.

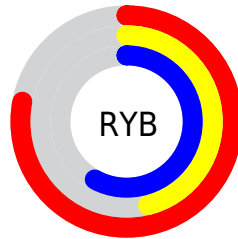
Distribution



Red (78%)

Green (46%)

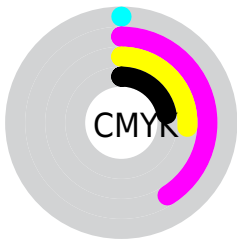
Blue (58%)



Red (78%)

Yellow (46%)

Blue (58%)

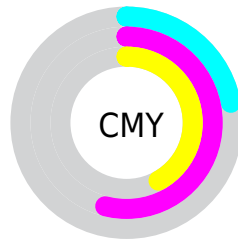


Cyan (0%)

Magenta (41%)

Yellow (26%)

Black (22%)



Cyan (22%)

Magenta (54%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2598, 27.0028, 31.3706 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 35.2598, 27.0028, 31.3706 by changing the saturation by 10% instead.

35.2598, 27.0028,
31.3706

35.2598, 27.0028,
31.3706

317.2016,
287.6707, 322.6460

24.0305, 17.5753,
20.6204

67.2194, 54.8884,
62.9095

15.4811, 10.6455,
12.6583

88.6805, 74.1152,
84.5352

9.2462, 5.8290,
7.0657

114.2828, 97.3774,
110.6232

4.9605, 2.7414,
3.4242

144.3918,
125.0591, 141.5920

2.2586, 0.9983,
1.3151

179.3729,
157.5450, 177.8601

0.7734, 0.0000,
0.0741

219.5912,

0.0000, 0.0000,

195.2192, 219.8462

0.0000

265.4124,
238.4663, 267.9686

■ 35.2598, 27.0028,
31.3706

■ 35.2598, 27.0028,
31.3706

■ 32.2549, 22.4779,
25.7910

■ 38.8638, 32.5579,
37.6674

■ 29.8121, 18.9149,
20.8993

■ 43.0966, 39.1980,
44.7059

■ 27.8936, 16.2435,
16.6660


■ 47.9883, 46.9786,
52.5112


■ 26.4554, 14.3818,
13.0587


■ 53.5668, 55.9504,
61.1069


■ 25.4460, 13.2326,
10.0410


■ 59.8578, 66.1609,
70.5153

 24.8311, 12.6533,
7.8307

 66.8861, 77.6550,
80.7578

 74.2572, 89.6397,
91.7158

 76.1050, 90.3789,
101.4463

 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



33.4523, 27.0028, 45.7160



35.2598, 27.0028, 31.3706



34.2614, 27.0028, 19.9902

Triad

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



35.2598, 27.0028, 31.3706



22.1253, 27.0028, 12.2701



21.0865, 27.0028, 54.8270

Complementary

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



35.2598, 27.0028, 31.3706



34.8287, 47.4567, 44.3726

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.



18.6427, 27.0028, 41.3817



35.2598, 27.0028, 31.3706



19.1916, 27.0028, 17.5192

Square

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



35.2598, 27.0028, 31.3706



26.3440, 27.0028, 11.0113



17.9914, 27.0028, 27.5165



24.9984, 27.0028, 61.5417

Rectangle

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



35.2598, 27.0028, 31.3706



32.1943, 27.0028, 15.0633



17.9914, 27.0028, 27.5165



20.0848, 27.0028, 50.7838

Sweetspot

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



35.2606, 27.0041, 31.3711



83.1389, 80.8408, 90.5539



32.7276, 25.1249, 57.1578



17.5409, 16.8972, 18.9815



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.



35.2606, 27.0041, 31.3711



57.1933, 40.4242, 46.5313



34.2986, 28.4949, 20.5235



10.7970, 10.7022, 11.9141



16.0063, 8.1521, 5.2431



0.7930, 0.4000, 0.4331

Inverse Universe

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



35.2606, 27.0041, 31.3711



57.1933, 40.4242, 46.5313



35.9369, 44.4882, 60.7262



10.7970, 10.7022, 11.9141



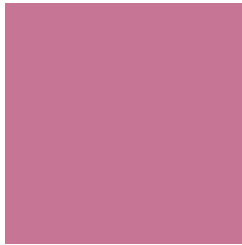
16.0063, 8.1521, 5.2431



0.7930, 0.4000, 0.4331

Previews

White Background



This preview shows how the XYZ color 35.2598, 27.0028, 31.3706 looks on a white background.

Color Contrast Check

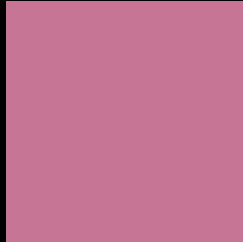
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2598, 27.0028, 31.3706 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 35.2598, 27.0028, 31.3706

Background



This preview shows how black text looks on a background with the XYZ color 35.2598, 27.0028, 31.3706.



This preview shows how white text looks on a background with the XYZ color 35.2598, 27.0028,

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

35.2598, 27.0028, 31.3706

Protanopia

26.7832, 27.1831, 38.4856

Deuteranopia

27.6401, 27.1591, 30.1710



Tritanopia

33.7049, 26.8882, 24.1824

Trichromacy



Original Color

35.2598, 27.0028, 31.3706

Protanomaly

29.1208, 26.5482, 35.9372

Deuteranomaly

29.8881, 26.6675, 30.3601

Tritanomaly

34.3295, 26.9770, 26.6903

Monochromacy



Original Color

35.2598, 27.0028, 31.3706

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.3693, 27.4026, 30.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2598, 27.0028, 31.3706 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(199, 117, 148)` looks like.

```
.text, #text, p{  
    color:rgb(199, 117, 148)  
}
```

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(199, 117, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 117, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.2598, 27.0028, 31.3706 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(199, 117, 148) }
```


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

```
.border{ border-color:rgb(199, 117, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 117, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 117, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 117, 148);  
box-shadow:4px 4px 4px 4px rgb(199, 117,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2598, 27.0028, 31.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 117, 148) }
```

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

```
.background{ background-color: rgb(199,  
117, 148) }
```

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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