

Converting Colors

XYZ(35.9212, 27.7141, 33.6048)

Have a look what the booklet for
XYZ(35.9212, 27.7141, 33.6048)
contains.

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Color

**XYZ(35.8998, 27.6357,
33.5791)**

Conversions

Conversions Part 1

Format	Color
Hex	C77799
RGB	199, 119, 153
RGB Percent	78%, 47%, 60%
CMY	0.2196, 0.5333, 0.4000
CMYK	0.00, 0.40, 0.23, 0.22
HSL	335°, 42%, 62%
HSV	335°, 40%, 78%
XYZ	35.8998, 27.6357, 33.5791
YIQ	146.7960, 36.7660, 27.5340

Conversions

Conversions Part 2

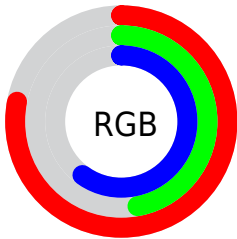
Format	Color
R_{YB}	199, 119, 153
Decimal	13072281
CIE Lab	59.56, 35.75, -4.85
CIE LCh	60, 36.073, 352.271
Yxy	27.6357, 0.3697, 0.2846
Android (android.graphics.Color)	4291262361 (0xFFC77799)
YUV	146.7960, 3.0586, 45.7829
Hunter-Lab	52.5697, 29.9006, -1.0730

Details

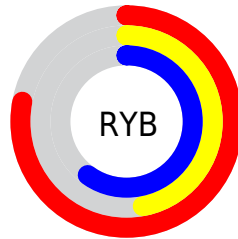
The XYZ color **35.8998, 27.6357, 33.5791** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.8240, 47.4861, 42.9300**, and the grayscale version is **27.6268, 29.0656, 31.6524**.

A 20% lighter version of the original color is **67.4461, 55.6521, 66.2186**, and **15.7931, 10.9332, 13.8483** is the 20% darker color. If you saturate the color by 10%, you get **32.8744, 23.0255, 28.1291**, and if you desaturate by 10%, it is **39.5132, 33.2764, 39.6729**.

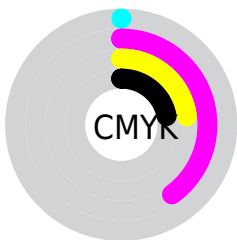
Distribution



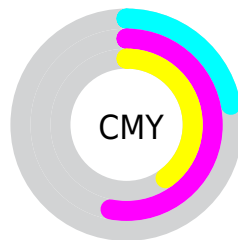
- Red (78%)
- Green (47%)
- Blue (60%)



- Red (78%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (22%)





- Cyan (22%)
- Magenta (53%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.8998, 27.6357, 33.5791 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 35.8998, 27.6357, 33.5791 by changing the saturation by 10% instead.


 35.8998, 27.6357,
33.5791


 35.8998, 27.6357,
33.5791

319.9613,
290.7220, 332.9629


 24.5266, 18.0512,
22.2957


 68.2023, 55.9023,
66.4050

 15.8515, 10.9868,
13.8739


 89.8622, 75.3532,
88.7846

 9.5093, 6.0579,
7.8953


 115.6818, 98.8617,
115.6999

 5.1346, 2.8803,
3.9412

146.0263,
126.8122, 147.5697

 2.3620, 1.0696,
1.5931

181.2612,
159.5891, 184.8123

 0.8261, 0.0000,
0.2859

221.7517,

 0.0000, 0.0000,

197.5768, 227.8463

0.0000

267.8633,
241.1596, 277.0903

■ 35.8998, 27.6357,
33.5791

■ 35.8998, 27.6357,
33.5791

■ 32.8744, 23.0255,
28.1291

■ 39.5132, 33.2764,
39.6729

■ 30.4011, 19.3786,
23.2976

■ 43.7433, 40.0017,
46.4313

■ 28.4431, 16.6256,
19.0594


■ 48.6195, 47.8664,
53.8759


■ 26.9581, 14.6863,
15.3869


■ 54.1686, 56.9207,
62.0267


■ 25.8963, 13.4658,
12.2488


■ 60.4158, 67.2115,
70.9031

 25.1759, 12.7912,
9.6469

 67.3853, 78.7834,
80.5234

 74.0360, 89.5512,
90.5507

 75.7255, 90.2270,
99.4475

 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.



33.7926, 27.6357, 48.1252



35.8998, 27.6357, 33.5791



35.2002, 27.6357, 21.5765

Triad

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



35.8998, 27.6357, 33.5791



23.0959, 27.6357, 12.3797



21.2797, 27.6357, 54.5070

Complementary

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



35.8998, 27.6357, 33.5791



34.8240, 47.4861, 42.9300

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.



18.9894, 27.6357, 40.5931



35.8998, 27.6357, 33.5791



19.9508, 27.6357, 17.2398

Square

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



35.8998, 27.6357, 33.5791



27.4583, 27.6357, 11.4958



18.5326, 27.6357, 26.8524



25.1105, 27.6357, 62.2786

Rectangle

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



35.8998, 27.6357, 33.5791



33.2693, 27.6357, 16.2140



18.5326, 27.6357, 26.8524



20.3232, 27.6357, 50.2306

Sweetspot

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



35.9006, 27.6370, 33.5796



83.3485, 80.9246, 91.6577



32.2856, 25.2468, 57.2046



17.5901, 16.9169, 19.2406



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.



35.9006, 27.6370, 33.5796



58.2894, 41.4123, 50.6080



34.1335, 27.9745, 21.0550



10.8178, 10.7105, 12.0237



16.2305, 8.2418, 6.4236



0.8046, 0.4047, 0.4941

Inverse Universe

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



35.9006, 27.6370, 33.5796



58.2894, 41.4123, 50.6080



37.1352, 46.4815, 61.0477



10.8178, 10.7105, 12.0237



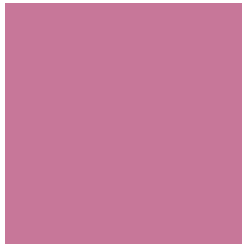
16.2305, 8.2418, 6.4236



0.8046, 0.4047, 0.4941

Previews

White Background



This preview shows how the XYZ color 35.8998, 27.6357, 33.5791 looks on a white background.

Color Contrast Check

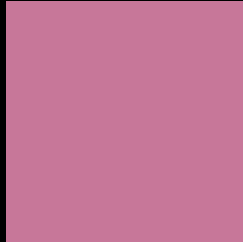
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.8998, 27.6357, 33.5791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

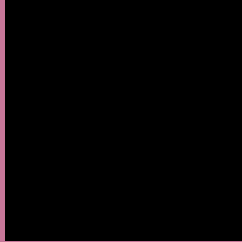
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.8998, 27.6357, 33.5791

Background



This preview shows how black text looks on a background with the XYZ color 35.8998, 27.6357, 33.5791.



This preview shows how white text looks on a background with the XYZ color 35.8998, 27.6357,

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

35.8998, 27.6357, 33.5791

Protanopia

27.5378, 27.9610, 40.9914

Deuteranopia

28.3205, 27.8947, 32.3253



Tritanopia

34.2738, 27.7022, 25.3704

Trichromacy



Original Color

35.8998, 27.6357, 33.5791

Protanomaly

29.8339, 27.2716, 38.3419

Deuteranomaly

30.5509, 27.3625, 32.5254

Tritanomaly

34.9819, 27.8183, 28.3367

Monochromacy



Original Color

35.8998, 27.6357, 33.5791

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.0964, 28.1682, 32.2845

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.8998, 27.6357, 33.5791 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, 119, 153)` looks like.

```
.text, #text, p{  
    color:rgb(199, 119, 153)  
}
```

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, 119, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 119, 153) }
```

Border

The CSS property to change the border of an element to XYZ 35.8998, 27.6357, 33.5791 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, 119, 153) }
```


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

```
.border{ border-color:rgb(199, 119, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 119, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 119, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 119, 153);  
box-shadow:4px 4px 4px 4px rgb(199, 119,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 35.8998, 27.6357, 33.5791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 119, 153) }
```

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

```
.background{ background-color: rgb(199,  
119, 153) }
```

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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