

Converting Colors

XYZ(35.5200, 27.5101, 39.9578)

Have a look what the booklet for
XYZ(35.5200, 27.5101, 39.9578)
contains.

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Color

**XYZ(35.4297, 27.4294,
39.9863)**

Conversions

Conversions Part 1

Format	Color
Hex	C078A7
RGB	192, 120, 167
RGB Percent	75%, 47%, 65%
CMY	0.2471, 0.5294, 0.3451
CMYK	0.00, 0.37, 0.13, 0.25
HSL	321°, 36%, 61%
HSV	321°, 37%, 75%
XYZ	35.4297, 27.4294, 39.9863
YIQ	146.8860, 27.8250, 29.8810

Conversions

Conversions Part 2

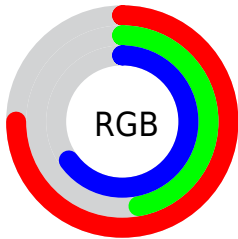
Format	Color
R_{YB}	192, 120, 167
Decimal	12613799
CIE _{Lab}	59.37, 34.97, -13.28
CIE _{LCh}	59, 37.408, 339.214
Yxy	27.4294, 0.3445, 0.2667
Android (android.graphics.Color)	4290803879 (0xFFC078A7)
YUV	146.8860, 9.9162, 39.5650
Hunter-Lab	52.3731, 29.1000, -8.6061

Details

The XYZ color **35.4297, 27.4294, 39.9863** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **31.7073, 43.7374, 33.5609**, and the grayscale version is **27.6391, 29.0785, 31.6664**.

A 20% lighter version of the original color is **67.5527, 55.4851, 76.2565**, and **15.5392, 10.8124, 17.4877** is the 20% darker color. If you saturate the color by 10%, you get **32.7475, 23.0258, 36.1294**, and if you desaturate by 10%, it is **38.6083, 32.7742, 44.1660**.

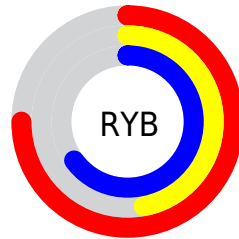
Distribution



Red (75%)

Green (47%)

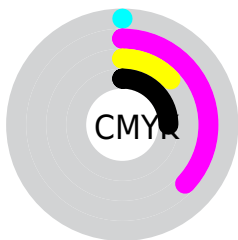
Blue (65%)



Red (75%)

Yellow (47%)

Blue (65%)

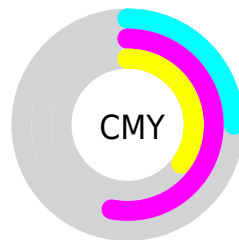


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (25%)



Cyan (25%)

Magenta (53%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4297, 27.4294, 39.9863 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 35.4297, 27.4294, 39.9863 by changing the saturation by 10% instead.

35.4297, 27.4294,
39.9863

35.4297, 27.4294,
39.9863

317.9358,
289.7302, 361.6162

24.1621, 17.8960,
27.2142

67.4806, 55.5722,
76.3795

15.5793, 10.8753,
17.5003

88.9945, 74.9503,
100.8377

9.3159, 5.9831,
10.4261

114.6547, 98.3787,
130.0282

5.0066, 2.8348,
5.5731

144.8264,
126.2420, 164.3697

2.2859, 1.0461,
2.5227

179.8751,
158.9243, 204.2808

0.7874, 0.0000,
0.8522

220.1659,

0.0000, 0.0000,

196.8102, 250.1798

0.0000

266.0644,
240.2841, 302.4855

■ 35.4297, 27.4294,
39.9863

■ 35.4297, 27.4294,
39.9863

■ 32.7475, 23.0258,
36.1294

■ 38.6083, 32.7742,
44.1660

■ 30.5309, 19.5037,
32.5820

■ 42.3068, 39.1075,
48.6778

■ 28.7495, 16.8025,
29.3316


■ 46.5501, 46.4782,
53.5325


■ 27.3679, 14.8525,
26.3642

■ 51.3608, 54.9307,
58.7398


■ 26.3449, 13.5719,
23.6633


■ 56.7601, 64.5067,
64.3090


 25.6212, 12.8431,
21.2068

 62.7683, 75.2458,
70.2489

 25.4612, 12.6957,
20.6215

 69.4043, 87.1857,
76.5680

 70.4613, 87.9117,
81.1992

 71.3640, 88.2728,
85.9529

Harmonies

Analogous

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



32.1892, 27.4294, 54.6387



35.4297, 27.4294, 39.9863



36.0095, 27.4294, 25.9235

Triad

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



35.4297, 27.4294, 39.9863



24.6552, 27.4294, 10.9554



19.6970, 27.4294, 49.3204

Complementary

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



35.4297, 27.4294, 39.9863



31.7073, 43.7374, 33.5609

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.



18.1531, 27.4294, 34.1892



35.4297, 27.4294, 39.9863



20.7815, 27.4294, 14.0078

Square

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



35.4297, 27.4294, 39.9863



29.3993, 27.4294, 11.6597



18.5248, 27.4294, 21.6158



23.0036, 27.4294, 61.0521

Rectangle

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



35.4297, 27.4294, 39.9863



34.7479, 27.4294, 18.9632



18.5248, 27.4294, 21.6158



18.9738, 27.4294, 44.3062

Sweetspot

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



35.4305, 27.4307, 39.9869



81.4000, 79.0791, 93.6882



27.7337, 23.1695, 52.8799



17.2359, 16.5703, 19.8404



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.4305, 27.4307, 39.9869



60.1368, 43.0193, 66.6643



32.6205, 26.3067, 25.1896



10.3439, 10.1862, 11.9016



17.1704, 8.5579, 14.0754



0.7734, 0.3824, 0.7740

Inverse Universe

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



35.4305, 27.4307, 39.9869



60.1368, 43.0193, 66.6643



34.8345, 44.9883, 50.0283



10.3439, 10.1862, 11.9016



17.1704, 8.5579, 14.0754



0.7734, 0.3824, 0.7740

Previews

White Background



This preview shows how the XYZ color 35.4297, 27.4294, 39.9863 looks on a white background.

Color Contrast Check

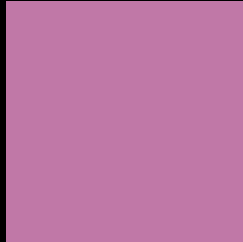
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4297, 27.4294, 39.9863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

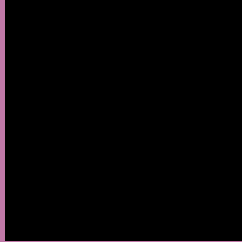
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4297, 27.4294, 39.9863

Background



This preview shows how black text looks on a background with the XYZ color 35.4297, 27.4294, 39.9863.



This preview shows how white text looks on a background with the XYZ color 35.4297, 27.4294,

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

35.4297, 27.4294, 39.9863

Protanopia

27.7894, 27.7099, 48.1399

Deuteranopia

28.2017, 27.6964, 38.5099



Tritanopia

32.6438, 27.3906, 26.8590

Trichromacy



Original Color

35.4297, 27.4294, 39.9863

Protanomaly

29.7873, 27.0945, 45.2548

Deuteranomaly

30.3982, 27.3479, 38.7985

Tritanomaly

33.4604, 27.3407, 31.1175

Monochromacy



Original Color

35.4297, 27.4294, 39.9863

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.8827, 28.0109, 34.4035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4297, 27.4294, 39.9863 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(192, 120, 167)` looks like.

```
.text, #text, p{  
    color:rgb(192, 120, 167)  
}
```

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(192, 120, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 120, 167) }
```

Border

The CSS property to change the border of an element to XYZ 35.4297, 27.4294, 39.9863 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(192, 120, 167) }
```


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

```
.border{ border-color:rgb(192, 120, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 120, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 120, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 120, 167);  
box-shadow:4px 4px 4px 4px rgb(192, 120,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4297, 27.4294, 39.9863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 120, 167) }
```

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

```
.background{ background-color: rgb(192,  
120, 167) }
```

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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