

Converting Colors

XYZ(39.2629, 33.7307, 64.1158)

Have a look what the booklet for
XYZ(39.2629, 33.7307, 64.1158)
contains.

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Color

**XYZ(39.2629, 33.7307,
64.1158)**

Conversions

Conversions Part 1

Format	Color
Hex	B090D0
RGB	176, 144, 208
RGB Percent	69%, 56%, 82%
CMY	0.3098, 0.4353, 0.1843
CMYK	0.15, 0.31, 0.00, 0.18
HSL	270°, 41%, 69%
HSV	270°, 31%, 82%
XYZ	39.2629, 33.7307, 64.1158
YIQ	160.8640, -1.4720, 26.6880

Conversions

Conversions Part 2

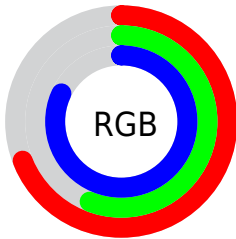
Format	Color
R _Y B	176, 144, 208
Decimal	11571408
CIE _{Lab}	64.75, 24.33, -28.41
CIE _{LCh}	65, 37.405, 310.567
Yxy	33.7307, 0.2864, 0.2460
Android (android.graphics.Color)	4289761488 (0xFFB090D0)
YUV	160.8640, 23.2380, 13.2743
Hunter-Lab	58.0781, 19.0357, -24.7989

Details

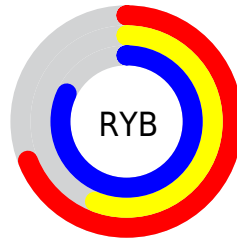
The XYZ color **39.2629, 33.7307, 64.1158** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.4955, 56.3563, 34.8671**, and the grayscale version is **33.7102, 35.4657, 38.6222**.

A 20% lighter version of the original color is **71.5228, 64.7640, 103.3388**, and **17.8325, 14.3396, 31.9649** is the 20% darker color. If you saturate the color by 10%, you get **34.1360, 26.8346, 63.0555**, and if you desaturate by 10%, it is **45.1526, 41.8832, 65.3795**.

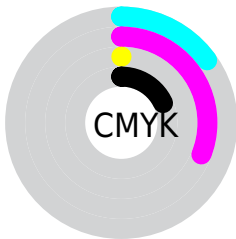
Distribution



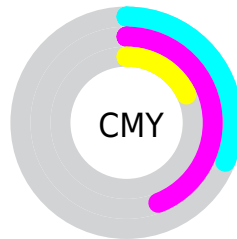
- Red (69%)
- Green (56%)
- Blue (82%)



- Red (69%)
- Yellow (56%)
- Blue (82%)



- Cyan (15%)
- Magenta (31%)
- Yellow (0%)
- Black (18%)



- Cyan (31%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2629, 33.7307, 64.1158 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 39.2629, 33.7307, 64.1158 by changing the saturation by 10% instead.

■ 39.2629, 33.7307,
64.1158

■ 39.2629, 33.7307,
64.1158

334.1949,
318.9296, 457.8266

■ 27.1460, 22.6868,
46.2977

■ 73.3313, 65.5147,
112.3788

■ 17.8200, 14.3624,
32.1304

■ 96.0134, 87.0235,
143.6607

■ 10.9198, 8.3732,
21.1955

122.9480,
112.7895, 180.2676

■ 6.0798, 4.3346,
13.0744

154.5003,
143.1969, 222.6182

■ 2.9348, 1.8625,
7.3484

191.0359,
178.6303, 271.1308

■ 1.1194, 0.5257,
3.5992

232.9199,

■ 0.0412, 0.0000,

219.4739, 326.2240

1.4082

280.5178,
266.1122, 388.3165

■ 0.0000, 0.0000,
0.1481

■ 0.0000, 0.0000,
0.0000

■ 39.2629, 33.7307,
64.1158

■ 39.2629, 33.7307,
64.1158

■ 34.1360, 26.8346,
63.0555

■ 45.1526, 41.8832,
65.3795

■ 29.7327, 21.1249,
62.1855

■ 51.8351, 51.3489,
66.8544

■ 26.0148, 16.5308,
61.4947

■ 59.3427, 62.1861,
68.5505

■ 22.9391, 12.9720,
60.9699

■ 67.7050, 74.4482,
70.4766

■ 20.4565, 10.3571,
60.5960

■ 76.9498, 88.1859,
72.6409

■ 18.5092, 8.5775,
60.3551

■ 82.5406, 94.3211,
73.5305

■ 17.0941, 7.4971,
60.2212

■ 86.1421, 96.1777,
73.6990

■ 88.3853, 97.3341,
73.8040

Harmonies

Analogous

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



33.9932, 33.7307, 74.1896



39.2629, 33.7307, 64.1158



42.8287, 33.7307, 47.4821

Triad

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



39.2629, 33.7307, 64.1158



35.6233, 33.7307, 15.2866



22.9347, 33.7307, 42.4277

Complementary

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



39.2629, 33.7307, 64.1158



45.4955, 56.3563, 34.8671

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.



23.2671, 33.7307, 27.7325



39.2629, 33.7307, 64.1158



30.2015, 33.7307, 14.6359

Square

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



39.2629, 33.7307, 64.1158



40.5703, 33.7307, 20.6432



25.7968, 33.7307, 18.5171



24.8317, 33.7307, 59.5384

Rectangle

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



39.2629, 33.7307, 64.1158



43.5463, 33.7307, 36.4346



25.7968, 33.7307, 18.5171



22.7952, 33.7307, 37.0210

Sweetspot

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



39.2640, 33.7321, 64.1166



84.0642, 84.1096, 106.4119



38.6233, 41.9553, 65.7376



17.6352, 17.4899, 22.6964



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.



39.2640, 33.7321, 64.1166



56.6968, 45.9720, 100.4930



47.0729, 37.7577, 64.4820



11.7188, 11.7039, 14.8851



10.7654, 4.7300, 37.5381



0.6934, 0.3117, 2.1032

Inverse Universe

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



43.8232, 36.4924, 45.8097



65.2875, 51.1731, 65.9985



39.2799, 53.1520, 34.5762



12.0517, 11.9054, 13.5482



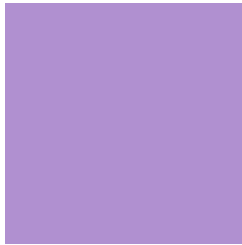
17.8186, 9.0003, 9.2167



1.0364, 0.5193, 0.7263

Previews

White Background



This preview shows how the XYZ color 39.2629, 33.7307, 64.1158 looks on a white background.

Color Contrast Check

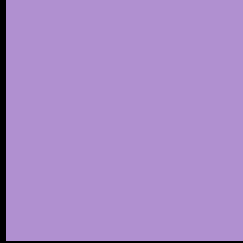
Large Text (above 18pt) WCAG AA × Fail

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 39.2629, 33.7307, 64.1158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

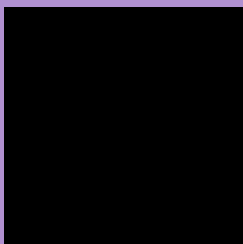
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.2629, 33.7307, 64.1158

Background



This preview shows how black text looks on a background with the XYZ color 39.2629, 33.7307, 64.1158.



This preview shows how white text looks on a background with the XYZ color 39.2629, 33.7307,

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

39.2629, 33.7307, 64.1158

Protanopia

34.7635, 33.8895, 69.6748

Deuteranopia

34.7160, 34.0099, 63.1274



Tritanopia

34.2913, 33.5718, 39.7946

Trichromacy



Original Color

39.2629, 33.7307, 64.1158

Protanomaly

36.0257, 33.6127, 67.5399

Deuteranomaly

36.2337, 33.8063, 63.6470

Tritanomaly

35.9989, 33.5608, 47.7606

Monochromacy



Original Color

39.2629, 33.7307, 64.1158

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

35.4831, 34.7640, 46.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2629, 33.7307, 64.1158 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(176, 144, 208)` looks like.

```
.text, #text, p{  
    color:rgb(176, 144, 208)  
}
```

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(176, 144, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 144, 208) }
```

Border

The CSS property to change the border of an element to XYZ 39.2629, 33.7307, 64.1158 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(176, 144, 208) }
```


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

```
.border{ border-color:rgb(176, 144, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 144, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 144, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 144, 208);  
box-shadow:4px 4px 4px 4px rgb(176, 144,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2629, 33.7307, 64.1158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 144, 208) }
```

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

```
.background{ background-color: rgb(176,  
144, 208) }
```

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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