

Converting Colors

XYZ(30.3307, 18.0347, 28.2687)

Have a look what the booklet for
XYZ(30.3307, 18.0347, 28.2687)
contains.

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Color

**XYZ(30.3299, 18.0337,
28.2678)**

Conversions

Conversions Part 1

Format	Color
Hex	C64390
RGB	198, 67, 144
RGB Percent	78%, 26%, 56%
CMY	0.2235, 0.7372, 0.4353
CMYK	0.00, 0.66, 0.27, 0.22
HSL	325°, 53%, 52%
HSV	325°, 66%, 78%
XYZ	30.3299, 18.0337, 28.2678
YIQ	114.9470, 53.3590, 51.7190

Conversions

Conversions Part 2

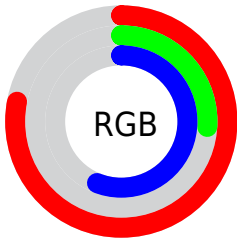
Format	Color
RYB	198, 67, 144
Decimal	12993424
CIELab	49.54, 59.19, -14.59
CIELCh	50, 60.961, 346.150
Yxy	18.0337, 0.3958, 0.2353
Android (android.graphics.Color)	4291183504 (0xFFC64390)
YUV	114.9470, 14.3231, 72.8375
Hunter-Lab	42.4661, 53.1716, -9.7404

Details

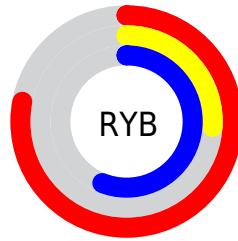
The XYZ color **30.3299, 18.0337, 28.2678** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **25.9610, 42.9625, 25.0159**, and the grayscale version is **16.2272, 17.0723, 18.5917**.

A 20% lighter version of the original color is **58.5160, 39.5031, 57.9668**, and **12.8356, 6.3836, 11.1453** is the 20% darker color. If you saturate the color by 10%, you get **28.7460, 15.8284, 24.7724**, and if you desaturate by 10%, it is **32.3622, 21.0634, 32.1356**.

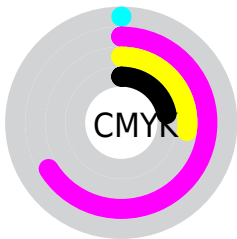
Distribution



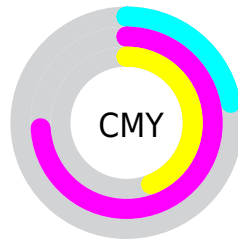
- Red (78%)
- Green (26%)
- Blue (56%)



- Red (78%)
- Yellow (26%)
- Blue (56%)



- Cyan (0%)
- Magenta (66%)
- Yellow (27%)
- Black (22%)





- Cyan (22%)
- Magenta (74%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3299, 18.0337, 28.2678 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 30.3299, 18.0337, 28.2678 by changing the saturation by 10% instead.

 30.3299, 18.0337,
28.2678


 30.3299, 18.0337,
28.2678


295.3215,
241.0609, 307.6965


 20.2384, 10.9742,
18.2868

 59.5666, 40.0947,
57.9400

 12.6778, 6.0495,
10.9845

 79.4425, 55.8651,
78.4682


 7.2825, 2.8752,
5.9424


 103.3106, 75.3078,
103.3493

 3.6873, 1.0669,
2.7419

 131.5362, 98.8072,
133.0018

 1.5268, 0.0000,
0.9644

 164.4848,
126.7479, 167.8442

 0.3440, 0.0000,
0.0000

202.5216,

 0.0000, 0.0000,

159.5142, 208.2951

0.0000

246.0121,
197.4904, 254.7730

■ 30.3299, 18.0337,
28.2678

■ 30.3299, 18.0337,
28.2678

■ 28.7460, 15.8284,
24.7724

■ 32.3622, 21.0634,
32.1356

■ 27.5651, 14.3585,
21.6290

■ 34.8793, 24.9890,
36.3919

■ 26.7321, 13.5152,
18.8146

■ 37.9152, 29.8773,
41.0527

■ 26.4632, 13.2756,
17.8060

■ 41.5006, 35.7880,
46.1325

■ 45.6635, 42.7758,
51.6447

■ 50.4299, 50.8917,
57.6020

■ 55.8244, 60.1832,
64.0167

■ 61.8700, 70.6952,
70.9003

■ 68.5885, 82.4702,
78.2637

Harmonies

Analogous

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



26.4531, 18.0337, 50.9060



30.3299, 18.0337, 28.2678



30.1615, 18.0337, 12.0558

Triad

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



30.3299, 18.0337, 28.2678



14.2354, 18.0337, 2.1959



10.5450, 18.0337, 52.6280

Complementary

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



30.3299, 18.0337, 28.2678



25.9610, 42.9625, 25.0159

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.



8.5384, 18.0337, 29.8687



30.3299, 18.0337, 28.2678



10.3187, 18.0337, 4.8226

Square

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



30.3299, 18.0337, 28.2678



19.9364, 18.0337, 2.1201



8.4661, 18.0337, 12.9684



14.6191, 18.0337, 69.4778

Rectangle

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



30.3299, 18.0337, 28.2678



27.7529, 18.0337, 6.2217



8.4661, 18.0337, 12.9684



9.6508, 18.0337, 44.9827

Sweetspot

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



30.3304, 18.0346, 28.2681



77.6807, 70.3849, 87.3152



19.8641, 12.0431, 54.7039



16.1804, 14.3166, 18.0957



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.



30.3304, 18.0346, 28.2681



49.9804, 26.8335, 41.5522



26.7483, 16.6018, 9.4048



10.8910, 10.7398, 12.4091



17.2530, 8.6508, 11.8082



0.8523, 0.4238, 0.7455

Inverse Universe

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



30.3304, 18.0346, 28.2681



49.9804, 26.8335, 41.5522



31.2559, 45.0805, 52.8982



10.8910, 10.7398, 12.4091



17.2530, 8.6508, 11.8082



0.8523, 0.4238, 0.7455

Previews

White Background



This preview shows how the XYZ color 30.3299, 18.0337, 28.2678 looks on a white background.

Color Contrast Check

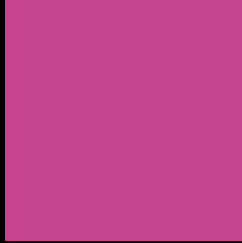
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.3299, 18.0337, 28.2678 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 30.3299, 18.0337, 28.2678

Background



This preview shows how black text looks on a background with the XYZ color 30.3299, 18.0337, 28.2678.



This preview shows how white text looks on a background with the XYZ color 30.3299, 18.0337,

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

30.3299, 18.0337, 28.2678

Protanopia

19.3075, 18.2729, 45.6894

Deuteranopia

18.5312, 18.1326, 26.1901



Tritanopia

26.7299, 18.0602, 11.0940

Trichromacy



Original Color

30.3299, 18.0337, 28.2678

Protanomaly

21.0156, 16.5119, 38.6387

Deuteranomaly

21.4957, 17.0184, 26.9629

Tritanomaly

27.8663, 17.9926, 16.1916

Monochromacy



Original Color

30.3299, 18.0337, 28.2678

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

19.8106, 16.2615, 21.8333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3299, 18.0337, 28.2678 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(198, 67, 144)` looks like.

```
.text, #text, p{  
  color:rgb(198, 67, 144)  
}
```

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(198, 67, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 67, 144) }
```

Border

The CSS property to change the border of an element to XYZ 30.3299, 18.0337, 28.2678 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(198, 67, 144) }
```


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

```
.border{ border-color:rgb(198, 67, 144) }
```

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

Here you see how a box with a 4 pixel rgb(198, 67, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 67, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 67, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 67,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3299, 18.0337, 28.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 67, 144) }
```

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

```
.background{ background-color: rgb(198, 67,  
144) }
```

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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