

Converting Colors

XYZ(28.5994, 18.7057, 41.1329)

Have a look what the booklet for
XYZ(28.5994, 18.7057, 41.1329)
contains.

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Color

**XYZ(28.5994, 18.7057,
41.1329)**

Conversions

Conversions Part 1

Format	Color
Hex	B055AC
RGB	176, 85, 172
RGB Percent	69%, 33%, 67%
CMY	0.3098, 0.6666, 0.3255
CMYK	0.00, 0.52, 0.02, 0.31
HSL	303°, 37%, 51%
HSV	303°, 52%, 69%
XYZ	28.5994, 18.7057, 41.1329
YIQ	122.1270, 26.3090, 46.3490

Conversions

Conversions Part 2

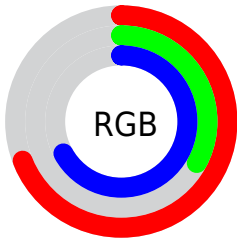
Format	Color
R_{YB}	176, 85, 172
Decimal	11556268
CIE _{Lab}	50.34, 49.10, -30.20
CIE _{LCh}	50, 57.641, 328.405
Yxy	18.7057, 0.3234, 0.2115
Android (android.graphics.Color)	4289746348 (0xFFB055AC)
YUV	122.1270, 24.5874, 47.2466
Hunter-Lab	43.2501, 42.3466, -26.1126

Details

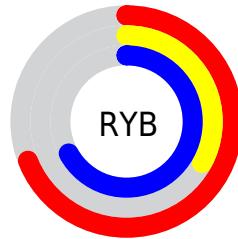
The XYZ color **28.5994, 18.7057, 41.1329** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **21.0757, 33.7040, 14.8471**, and the grayscale version is **18.4571, 19.4183, 21.1465**.

A 20% lighter version of the original color is **56.6963, 41.1020, 78.3440**, and **11.7049, 6.3768, 18.0667** is the 20% darker color. If you saturate the color by 10%, you get **27.3083, 16.2417, 40.3371**, and if you desaturate by 10%, it is **30.2368, 21.8607, 42.0466**.

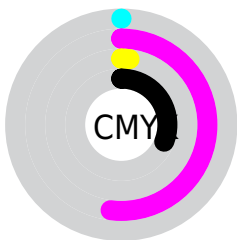
Distribution



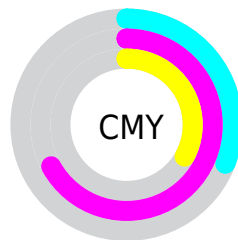
- Red (69%)
- Green (33%)
- Blue (67%)



- Red (69%)
- Yellow (33%)
- Blue (67%)



- Cyan (0%)
- Magenta (52%)
- Yellow (2%)
- Black (31%)





- Cyan (31%)
- Magenta (67%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5994, 18.7057, 41.1329 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 28.5994, 18.7057, 41.1329 by changing the saturation by 10% instead.


 28.5994, 18.7057,
41.1329


 28.5994, 18.7057,
41.1329


287.3485,
244.8192, 366.5688


 18.9207, 11.4578,
28.1025


 56.8420, 41.2362,
78.1415

 11.7167, 6.3757,
18.1632


 76.1366, 57.2876,
102.9567


 6.6219, 3.0748,
10.8966


 99.3673, 77.0423,
132.5372

 3.2710, 1.1709,
5.8840

 126.8993,
100.8847, 167.3016

 1.2986, 0.0378,
2.7070

 159.0981,
129.1992, 207.6684

 0.1822, 0.0000,
0.9470

196.3290,

 0.0000, 0.0000,

162.3702, 254.0562

0.0000

238.9574,
200.7821, 306.8835

■ 28.5994, 18.7057,
41.1329

■ 28.5994, 18.7057,
41.1329

■ 27.3083, 16.2417,
40.3371

■ 30.2368, 21.8607,
42.0466

■ 26.3356, 14.4142,
39.6494

■ 32.2419, 25.7509,
43.0849

■ 25.6521, 13.1644,
39.0602

■ 34.6367, 30.4199,
44.2551

■ 25.2226, 12.4218,
38.5578

■ 37.4409, 35.9069,
45.5641

■ 24.9972, 12.0672,
38.1862

■ 40.6729, 42.2488,
47.0177

■ 44.3499, 49.4800,
48.6218

■ 48.4882, 57.6332,
50.3819

■ 53.1033, 66.7393,
52.3031

■ 58.2100, 76.8277,
54.3902

Harmonies

Analogous

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



23.3999, 18.7057, 61.2308



28.5994, 18.7057, 41.1329



30.8375, 18.7057, 21.2362

Triad

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



28.5994, 18.7057, 41.1329



18.0801, 18.7057, 2.4892



9.8999, 18.7057, 38.8070

Complementary

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



28.5994, 18.7057, 41.1329



21.0757, 33.7040, 14.8471

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.



9.0520, 18.7057, 19.5225



28.5994, 18.7057, 41.1329



13.1394, 18.7057, 3.5147

Square

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



28.5994, 18.7057, 41.1329



24.0277, 18.7057, 3.7870



10.1037, 18.7057, 8.1198



12.7204, 18.7057, 59.4633

Rectangle

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



28.5994, 18.7057, 41.1329



30.0562, 18.7057, 12.1101



10.1037, 18.7057, 8.1198



9.4045, 18.7057, 31.7183

Sweetspot

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



28.6000, 18.7065, 41.1333



65.4820, 60.3782, 81.5184



15.1135, 11.7089, 42.5383



13.9725, 12.6576, 17.5641



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.6000, 18.7065, 41.1333



49.2504, 28.9317, 72.9734



25.0151, 17.2726, 22.2550



8.8336, 8.6401, 10.6220



18.3465, 8.8561, 28.0482



0.5822, 0.2806, 0.9084

Inverse Universe

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



28.6000, 18.7065, 41.1333



49.2504, 28.9317, 72.9734



23.5431, 34.6909, 27.8402



8.8336, 8.6401, 10.6220



18.3465, 8.8561, 28.0482



0.5822, 0.2806, 0.9084

Previews

White Background



This preview shows how the XYZ color 28.5994, 18.7057, 41.1329 looks on a white background.

Color Contrast Check

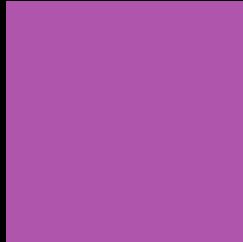
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5994, 18.7057, 41.1329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

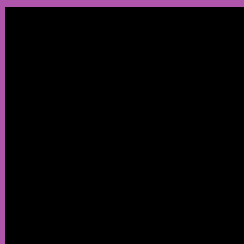
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5994, 18.7057, 41.1329

Background



This preview shows how black text looks on a background with the XYZ color 28.5994, 18.7057, 41.1329.



This preview shows how white text looks on a background with the XYZ color 28.5994, 18.7057,

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

28.5994, 18.7057, 41.1329

Protanopia

20.8342, 19.1532, 57.2424

Deuteranopia

19.3055, 18.9501, 38.7166



Tritanopia

23.5089, 18.7149, 16.5606

Trichromacy



Original Color

28.5994, 18.7057, 41.1329

Protanomaly

22.0560, 17.9477, 51.0170

Deuteranomaly

21.6857, 18.1678, 39.4096

Tritanomaly

24.9835, 18.4810, 23.7231

Monochromacy



Original Color

28.5994, 18.7057, 41.1329

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.3576, 18.5815, 27.2719

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5994, 18.7057, 41.1329 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, 85, 172)` looks like.

```
.text, #text, p{  
    color:rgb(176, 85, 172)  
}
```

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, 85, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 85, 172) }
```

Border

The CSS property to change the border of an element to XYZ 28.5994, 18.7057, 41.1329 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, 85, 172) }
```


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

```
.border{ border-color:rgb(176, 85, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 85, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 85, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 85, 172);  
box-shadow:4px 4px 4px 4px rgb(176, 85,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5994, 18.7057, 41.1329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 85, 172) }
```

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

```
.background{ background-color: rgb(176, 85,  
172) }
```

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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