

Converting Colors

XYZ(35.7959, 19.0578, 60.1842)

Have a look what the booklet for
XYZ(35.7959, 19.0578, 60.1842)
contains.

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Color

**XYZ(35.7024, 19.0082,
60.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	C635CE
RGB	198, 53, 206
RGB Percent	78%, 21%, 81%
CMY	0.2235, 0.7921, 0.1922
CMYK	0.04, 0.74, 0.00, 0.19
HSL	297°, 61%, 51%
HSV	297°, 74%, 81%
XYZ	35.7024, 19.0082, 60.1797
YIQ	113.7970, 37.3070, 78.3230

Conversions

Conversions Part 2

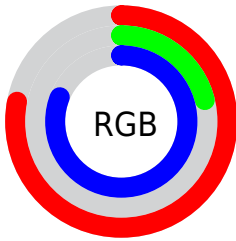
Format	Color
R_{YB}	198, 53, 206
Decimal	12989902
CIE _{Lab}	50.70, 73.28, -49.14
CIE _{LCh}	51, 88.228, 326.156
Yxy	19.0082, 0.3108, 0.1654
Android (android.graphics.Color)	4291179982 (0xFFC635CE)
YUV	113.7970, 45.4561, 73.8460
Hunter-Lab	43.5984, 69.8751, -51.3202

Details

The XYZ color **35.7024, 19.0082, 60.1797** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **24.6390, 45.3922, 10.8319**, and the grayscale version is **15.7952, 16.6178, 18.0967**.

A 20% lighter version of the original color is **65.3073, 40.5146, 98.9858**, and **16.4011, 7.8098, 29.9212** is the 20% darker color. If you saturate the color by 10%, you get **34.6744, 17.3715, 59.9182**, and if you desaturate by 10%, it is **37.1373, 21.4543, 60.5765**.

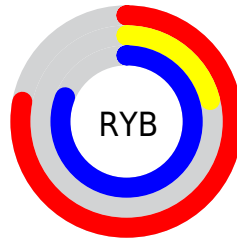
Distribution



Red (78%)

Green (21%)

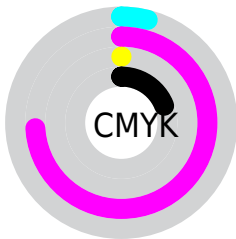
Blue (81%)



Red (78%)

Yellow (21%)

Blue (81%)

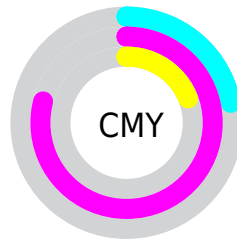


Cyan (4%)

Magenta (74%)

Yellow (0%)

Black (19%)



Cyan (22%)


Magenta (79%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.7024, 19.0082, 60.1797 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 35.7024, 19.0082, 60.1797 by changing the saturation by 10% instead.


 35.7024, 19.0082,
60.1797


 35.7024, 19.0082,
60.1797

319.1119,
246.4940, 443.0828


 24.3735, 11.6762,
43.1372


 67.8994, 41.7480,
106.6362


 15.7371, 6.5236,
29.6606


 89.4981, 57.9245,
136.8874


 9.4280, 3.1660,
19.3313


 115.2509, 77.8180,
172.3785

 5.0807, 1.2190,
11.7307

 145.5230,
101.8129, 213.5282

 2.3299, 0.0771,
6.4402

 180.6797,
130.2936, 260.7549

 0.8099, 0.0000,
3.0415

221.0866,

 0.0000, 0.0000,

163.6444, 314.4772

1.1159

267.1089,
202.2497, 375.1137

■ 0.0000, 0.0000,
0.0000

■ 35.7024, 19.0082,
60.1797

■ 35.7024, 19.0082,
60.1797

■ 34.6744, 17.3715,
59.9182

■ 37.1373, 21.4543,
60.5765

■ 33.9951, 16.4299,
59.7723

■ 39.0227, 24.7993,
61.1228

■ 33.7059, 16.0891,
59.7217

■ 41.3993, 29.1235,
61.8322

■ 44.3025, 34.4977,
62.7165

■ 47.7643, 40.9863,
63.7864

■ 51.8143, 48.6484,
65.0519

■ 56.4801, 57.5390,
66.5220

■ 61.7874, 67.7094,
68.2054

■ 67.7604, 79.2083,
70.1101

Harmonies

Analogous

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



26.4356, 19.0082, 99.6632



35.7024, 19.0082, 60.1797



40.2635, 19.0082, 24.0579

Triad

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



35.7024, 19.0082, 60.1797



19.2051, 19.0082, 0.0000



6.8715, 19.0082, 49.5984

Complementary

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



35.7024, 19.0082, 60.1797



24.6390, 45.3922, 10.8319

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.



6.0336, 19.0082, 17.6642



35.7024, 19.0082, 60.1797



11.6816, 19.0082, 0.5743

Square

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



35.7024, 19.0082, 60.1797



29.0043, 19.0082, 0.9881



7.4738, 19.0082, 3.8875



10.2960, 19.0082, 90.8298

Rectangle

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



35.7024, 19.0082, 60.1797



39.2158, 19.0082, 10.0701



7.4738, 19.0082, 3.8875



6.3367, 19.0082, 36.9827

Sweetspot

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



35.7032, 19.0091, 60.1801



78.6196, 68.7288, 103.7300



14.3981, 8.7912, 59.3308



16.4672, 14.0311, 22.0903



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.



35.7032, 19.0091, 60.1801



55.4751, 27.1316, 96.9208



31.4389, 17.5534, 26.4274



11.6274, 11.3727, 14.1527



20.7811, 9.9206, 36.7759



1.0902, 0.5211, 1.8981

Inverse Universe

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



27.5696, 16.0057, 6.0520



42.0380, 22.2455, 4.0781



26.8880, 46.2391, 25.0565



11.2357, 11.2230, 11.7758



15.7210, 8.0990, 0.9835



0.8195, 0.4212, 0.0955

Previews

White Background



This preview shows how the XYZ color 35.7024, 19.0082, 60.1797 looks on a white background.

Color Contrast Check

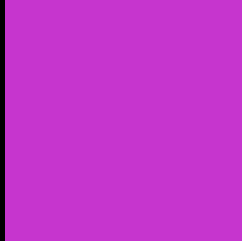
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.7024, 19.0082, 60.1797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

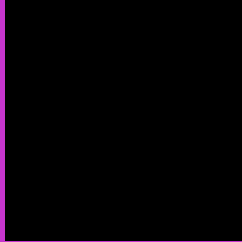
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.7024, 19.0082, 60.1797

Background



This preview shows how black text looks on a background with the XYZ color 35.7024, 19.0082, 60.1797.



This preview shows how white text looks on a background with the XYZ color 35.7024, 19.0082,

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

35.7024, 19.0082, 60.1797

Protanopia

23.3046, 19.4999, 91.3425

Deuteranopia

19.8704, 19.4370, 54.3342



Tritanopia

26.0869, 18.8694, 14.0716

Trichromacy



Original Color

35.7024, 19.0082, 60.1797



Protanomaly

21.3832, 15.2663, 78.9105



Deuteranomaly

22.4687, 16.7379, 56.0793



Tritanomaly

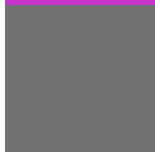
28.5470, 18.2309, 26.0591

Monochromacy



Original Color

35.7024, 19.0082, 60.1797



Achromatopsia

15.9940, 16.8269, 18.3245



Achromatomaly

20.7707, 15.7806, 29.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.7024, 19.0082, 60.1797 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, 53, 206)` looks like.

```
.text, #text, p{  
    color:rgb(198, 53, 206)  
}
```

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, 53, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 53, 206) }
```

Border

The CSS property to change the border of an element to XYZ 35.7024, 19.0082, 60.1797 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, 53, 206) }
```


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

```
.border{ border-color:rgb(198, 53, 206) }
```

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

Here you see how a box with a 4 pixel rgb(198, 53, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 53, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 53, 206);  
box-shadow:4px 4px 4px 4px rgb(198, 53,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 35.7024, 19.0082, 60.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 53, 206) }
```

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

```
.background{ background-color: rgb(198, 53,  
206) }
```

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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