

Converting Colors

XYZ(35.2793, 19.2414, 57.3924)

Have a look what the booklet for
XYZ(35.2793, 19.2414, 57.3924)
contains.

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Color

**XYZ(35.0816, 19.1135,
57.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	C53AC9
RGB	197, 58, 201
RGB Percent	77%, 23%, 79%
CMY	0.2274, 0.7725, 0.2118
CMYK	0.02, 0.71, 0.00, 0.21
HSL	298°, 57%, 51%
HSV	298°, 71%, 79%
XYZ	35.0816, 19.1135, 57.0986
YIQ	115.8630, 36.9410, 73.9410

Conversions

Conversions Part 2

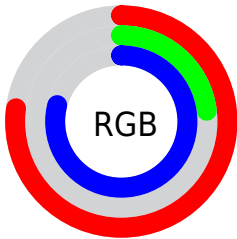
Format	Color
RYB	197, 58, 201
Decimal	12925641
CIELab	50.82, 70.64, -46.08
CIELCh	51, 84.342, 326.887
Yxy	19.1135, 0.3152, 0.1717
Android (android.graphics.Color)	4291115721 (0xFFC53AC9)
YUV	115.8630, 41.9725, 71.1571
Hunter-Lab	43.7190, 66.7262, -46.8316

Details

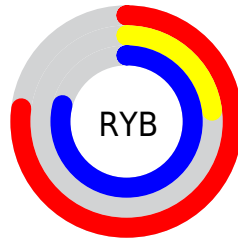
The XYZ color **35.0816, 19.1135, 57.0986** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **23.6376, 43.1034, 11.0779**, and the grayscale version is **16.4275, 17.2830, 18.8212**.

A 20% lighter version of the original color is **65.7684, 41.4369, 99.1395**, and **15.8358, 7.5643, 27.8195** is the 20% darker color. If you saturate the color by 10%, you get **34.1121, 17.3921, 56.8177**, and if you desaturate by 10%, it is **36.4484, 21.6276, 57.5121**.

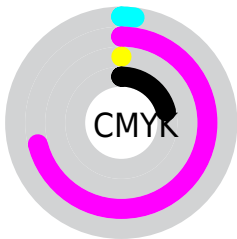
Distribution



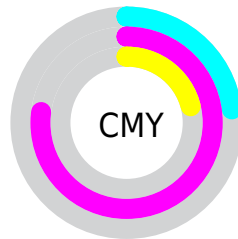
- Red (77%)
- Green (23%)
- Blue (79%)



- Red (77%)
- Yellow (23%)
- Blue (79%)



- Cyan (2%)
- Magenta (71%)
- Yellow (0%)
- Black (21%)



- Cyan (23%)
- Magenta (77%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0816, 19.1135, 57.0986 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 35.0816, 19.1135, 57.0986 by changing the saturation by 10% instead.

35.0816, 19.1135,
57.0986

35.0816, 19.1135,
57.0986

316.4301,
247.0746, 431.3228

23.8925, 11.7523,
40.6745

66.9453, 41.9258,
102.1108

15.3782, 6.5753,
27.7471

88.3508, 58.1457,
131.5360

9.1733, 3.1979,
17.8977

113.8923, 78.0873,
166.1320

4.9124, 1.2359,
10.7079

143.9354,
102.1350, 206.3173

2.2302, 0.0907,
5.7591

178.8454,
130.6732, 252.5105

0.7586, 0.0000,
2.6327

218.9876,

0.0000, 0.0000,

164.0863, 305.1301

0.9093

264.7274,
202.7586, 364.5947

■ 0.0000, 0.0000,
0.0000

■ 35.0816, 19.1135,
57.0986

■ 35.0816, 19.1135,
57.0986

■ 34.1121, 17.3921,
56.8177

■ 36.4484, 21.6276,
57.5121

■ 33.4888, 16.3627,
56.6519

■ 38.2516, 25.0141,
58.0707

■ 33.1464, 15.8697,
56.5747

■ 40.5277, 29.3458,
58.7869

■ 43.3092, 34.6874,
59.6713

■ 46.6255, 41.0977,
60.7338

■ 50.5036, 48.6310,
61.9835

■ 54.9691, 57.3380,
63.4288

■ 60.0456, 67.2663,
65.0776

■ 65.7556, 78.4609,
66.9374

Harmonies

Analogous

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



26.3824, 19.1135, 93.9904



35.0816, 19.1135, 57.0986



39.2171, 19.1135, 23.3934

Triad

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



35.0816, 19.1135, 57.0986



19.0473, 19.1135, 0.2379



7.3264, 19.1135, 49.0807

Complementary

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



35.0816, 19.1135, 57.0986



23.6376, 43.1034, 11.0779

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.



6.4362, 19.1135, 18.4266



35.0816, 19.1135, 57.0986



11.8629, 19.1135, 0.8666

Square

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



35.0816, 19.1135, 57.0986



28.3546, 19.1135, 1.2044



7.8097, 19.1135, 4.4967



10.7685, 19.1135, 87.3704

Rectangle

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



35.0816, 19.1135, 57.0986



38.1174, 19.1135, 10.1574



7.8097, 19.1135, 4.4967



6.7748, 19.1135, 37.1126

Sweetspot

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



35.0823, 19.1144, 57.0990



79.7328, 70.1805, 103.9515



14.0530, 8.6468, 56.1869



16.7064, 14.3249, 22.1344



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.



35.0823, 19.1144, 57.0990



57.7959, 28.7506, 97.1110



29.9229, 17.1732, 24.3908



11.0526, 10.8009, 13.4197



20.8547, 9.9853, 35.5725



0.9969, 0.4777, 1.6848

Inverse Universe

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



26.4706, 15.7923, 6.2114



42.4016, 22.8465, 4.5887



26.3170, 44.1472, 26.4484



10.6457, 10.6417, 11.1175



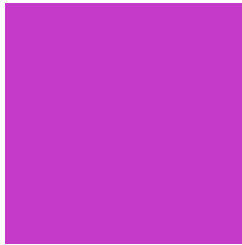
15.1703, 7.8177, 0.8405



0.7226, 0.3719, 0.0624

Previews

White Background



This preview shows how the XYZ color 35.0816, 19.1135, 57.0986 looks on a white background.

Color Contrast Check

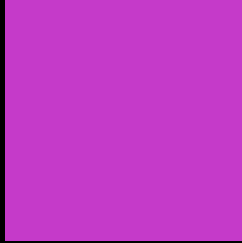
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.0816, 19.1135, 57.0986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

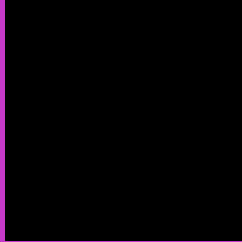
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.0816, 19.1135, 57.0986

Background



This preview shows how black text looks on a background with the XYZ color 35.0816, 19.1135, 57.0986.



This preview shows how white text looks on a background with the XYZ color 35.0816, 19.1135,

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

35.0816, 19.1135, 57.0986

Protanopia

23.4602, 19.5621, 92.1619

Deuteranopia

20.0197, 19.5655, 52.0116



Tritanopia

26.1741, 19.0438, 14.1007

Trichromacy



Original Color

35.0816, 19.1135, 57.0986



Protanomaly

21.4208, 15.5697, 78.2202



Deuteranomaly

22.7696, 17.2238, 53.7542



Tritanomaly

28.2989, 18.3337, 25.3398

Monochromacy



Original Color

35.0816, 19.1135, 57.0986



Achromatopsia

16.6002, 17.4647, 19.0191



Achromatomaly

21.0357, 16.3107, 29.6433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0816, 19.1135, 57.0986 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(197, 58, 201)` looks like.

```
.text, #text, p{  
    color:rgb(197, 58, 201)  
}
```

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(197, 58, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 58, 201) }
```

Border

The CSS property to change the border of an element to XYZ 35.0816, 19.1135, 57.0986 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(197, 58, 201) }
```


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

```
.border{ border-color:rgb(197, 58, 201) }
```

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

Here you see how a box with a 4 pixel rgb(197, 58, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 58, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 58, 201);  
box-shadow:4px 4px 4px 4px rgb(197, 58,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0816, 19.1135, 57.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 58, 201) }
```

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

```
.background{ background-color: rgb(197, 58,  
201) }
```

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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