

Converting Colors

XYZ(35.0094, 19.2301, 57.1360)

Have a look what the booklet for
XYZ(35.0094, 19.2301, 57.1360)
contains.

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Color

**XYZ(34.9234, 19.1845,
57.1207)**

Conversions

Conversions Part 1

Format	Color
Hex	C43CC9
RGB	196, 60, 201
RGB Percent	77%, 24%, 79%
CMY	0.2314, 0.7647, 0.2118
CMYK	0.02, 0.70, 0.00, 0.21
HSL	298°, 57%, 51%
HSV	298°, 70%, 79%
XYZ	34.9234, 19.1845, 57.1207
YIQ	116.7380, 35.7950, 72.6830

Conversions

Conversions Part 2

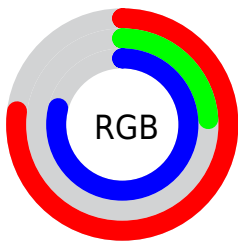
Format	Color
R_{YB}	196, 60, 201
Decimal	12860617
CIE _{Lab}	50.90, 69.75, -45.95
CIE _{LCh}	51, 83.526, 326.621
Yxy	19.1845, 0.3140, 0.1725
Android (android.graphics.Color)	4291050697 (0xFFC43CC9)
YUV	116.7380, 41.5412, 69.5128
Hunter-Lab	43.8001, 65.6742, -46.6613

Details

The XYZ color **34.9234, 19.1845, 57.1207** 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 **23.8829, 43.2238, 11.3601**, and the grayscale version is **16.6966, 17.5661, 19.1295**.

A 20% lighter version of the original color is **65.8868, 41.6737, 99.1789**, and **15.6695, 7.4786, 27.8118** is the 20% darker color. If you saturate the color by 10%, you get **33.8786, 17.3689, 56.8256**, and if you desaturate by 10%, it is **36.3702, 21.8017, 57.5499**.

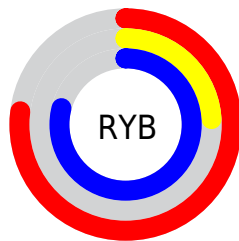
Distribution



Red (77%)

Green (24%)

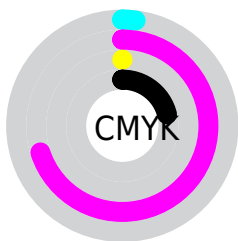
Blue (79%)



Red (77%)

Yellow (24%)

Blue (79%)

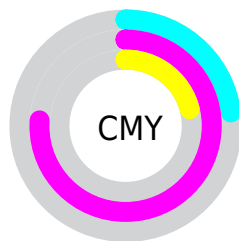


Cyan (2%)

Magenta (70%)

Yellow (0%)

Black (21%)



Cyan (23%)


Magenta (76%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9234, 19.1845, 57.1207 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 34.9234, 19.1845, 57.1207 by changing the saturation by 10% instead.

 34.9234, 19.1845,
57.1207


 34.9234, 19.1845,
57.1207


315.7440,
247.4654, 431.4078


 23.7701, 11.8037,
40.6921


 66.7019, 42.0456,
102.1434


 15.2870, 6.6101,
27.7607


 88.0578, 58.2947,
131.5746

 9.1087, 3.2195,
17.9079


 113.5453, 78.2687,
166.1771

 4.8698, 1.2474,
10.7151

 143.5297,
102.3519, 206.3694

 2.2050, 0.0999,
5.7639

 178.3765,
130.9288, 252.5701

 0.7454, 0.0000,
2.6356

218.4509,

 0.0000, 0.0000,

164.3838, 305.1977

0.9107

264.1183,
203.1012, 364.6708

■ 0.0000, 0.0000,
0.0000

■ 34.9234, 19.1845,
57.1207

■ 34.9234, 19.1845,
57.1207

■ 33.8786, 17.3689,
56.8256

■ 36.3702, 21.8017,
57.5499

■ 33.1857, 16.2563,
56.6473

■ 38.2575, 25.2990,
58.1255

■ 32.7584, 15.6697,
56.5566

■ 40.6215, 29.7485,
58.8597

■ 43.4942, 35.2141,
59.7633

■ 46.9048, 41.7541,
60.8459

■ 50.8802, 49.4226,
62.1165

■ 55.4457, 58.2698,
63.5835

■ 60.6248, 68.3430,
65.2549

■ 66.4400, 79.6869,
67.1380

Harmonies

Analogous

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



26.2954, 19.1845, 93.3832



34.9234, 19.1845, 57.1207



39.0653, 19.1845, 23.6788

Triad

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



34.9234, 19.1845, 57.1207



19.1842, 19.1845, 0.3064



7.4208, 19.1845, 48.5328

Complementary

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



34.9234, 19.1845, 57.1207



23.8829, 43.2238, 11.3601

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.



6.5499, 19.1845, 18.3267



34.9234, 19.1845, 57.1207



12.0161, 19.1845, 0.9153

Square

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



34.9234, 19.1845, 57.1207



28.4144, 19.1845, 1.2906



7.9455, 19.1845, 4.5484



10.8324, 19.1845, 86.3118

Rectangle

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



34.9234, 19.1845, 57.1207



38.0204, 19.1845, 10.4117



7.9455, 19.1845, 4.5484



6.8758, 19.1845, 36.7426

Sweetspot

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



34.9241, 19.1854, 57.1211



79.5866, 70.1051, 103.9447



14.4170, 9.1989, 56.2744



16.6710, 14.3066, 22.1327



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.



34.9241, 19.1854, 57.1211



57.3369, 28.6400, 97.1138



30.2588, 17.4720, 25.6530



11.0445, 10.7967, 13.4194



20.6142, 9.8613, 35.5613



0.9880, 0.4731, 1.6844

Inverse Universe

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



26.6580, 16.0316, 6.6912



42.5677, 23.0488, 5.0445



26.3542, 44.1758, 26.0259



10.6489, 10.6429, 11.1342



15.1769, 7.8203, 0.8757



0.7241, 0.3725, 0.0701

Previews

White Background



This preview shows how the XYZ color 34.9234, 19.1845, 57.1207 looks on a white background.

Color Contrast Check

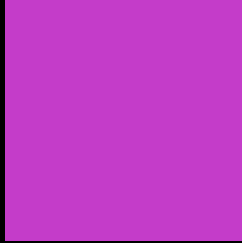
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.9234, 19.1845, 57.1207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

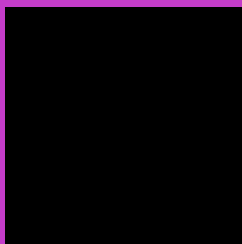
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.9234, 19.1845, 57.1207

Background



This preview shows how black text looks on a background with the XYZ color 34.9234, 19.1845, 57.1207.



This preview shows how white text looks on a background with the XYZ color 34.9234, 19.1845,

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

34.9234, 19.1845, 57.1207

Protanopia

23.6166, 19.6247, 92.9857

Deuteranopia

20.0197, 19.5655, 52.0116



Tritanopia

26.0701, 19.1159, 14.3723

Trichromacy



Original Color

34.9234, 19.1845, 57.1207



Protanomaly

21.3469, 15.5315, 78.2167



Deuteranomaly

22.7696, 17.2238, 53.7542



Tritanomaly

28.2717, 18.5321, 25.7539

Monochromacy



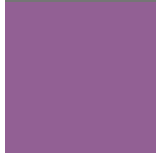
Original Color

34.9234, 19.1845, 57.1207



Achromatopsia

16.9083, 17.7888, 19.3720



Achromatomaly

21.3822, 16.6149, 30.0970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9234, 19.1845, 57.1207 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(196, 60, 201)` looks like.

```
.text, #text, p{  
    color:rgb(196, 60, 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(196, 60, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 60, 201) }
```

Border

The CSS property to change the border of an element to XYZ 34.9234, 19.1845, 57.1207 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(196, 60, 201) }
```


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

```
.border{ border-color:rgb(196, 60, 201) }
```

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

Here you see how a box with a 4 pixel rgb(196, 60, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 60, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 60, 201);  
box-shadow:4px 4px 4px 4px rgb(196, 60,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9234, 19.1845, 57.1207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 60, 201) }
```

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

```
.background{ background-color: rgb(196, 60,  
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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