

Converting Colors

XYZ(35.4189, 17.0300, 57.9202)

Have a look what the booklet for
XYZ(35.4189, 17.0300, 57.9202)
contains.

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Color

**XYZ(35.4189, 17.0300,
57.9202)**

Conversions

Conversions Part 1

Format	Color
Hex	CB01CB
RGB	203, 1, 203
RGB Percent	80%, 0%, 80%
CMY	0.2039, 0.9960, 0.2039
CMYK	0.00, 0.99, 0.00, 0.20
HSL	300°, 99%, 40%
HSV	300°, 99%, 80%
XYZ	35.4189, 17.0300, 57.9202
YIQ	84.4260, 55.5500, 105.6460

Conversions

Conversions Part 2

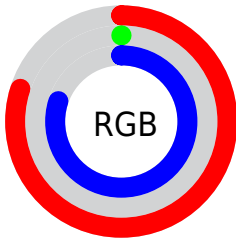
Format	Color
RYB	203, 1, 203
Decimal	13304267
CIELab	48.30, 82.66, -51.19
CIELCh	48, 97.229, 328.229
Yxy	17.0300, 0.3209, 0.1543
Android (android.graphics.Color)	4291494347 (0xFFCB01CB)
YUV	84.4260, 58.4570, 103.9894
Hunter-Lab	41.2674, 80.9846, -54.3283

Details

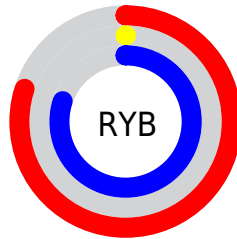
The XYZ color **35.4189, 17.0300, 57.9202** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **21.3747, 42.7213, 7.1490**, and the grayscale version is **8.3931, 8.8301, 9.6160**.

A 20% lighter version of the original color is **63.2044, 36.3087, 98.2848**, and **16.8469, 8.0674, 28.6862** is the 20% darker color. If you saturate the color by 10%, you get **35.4084, 17.0085, 57.9168**, and if you desaturate by 10%, it is **35.6827, 17.5569, 58.0083**.

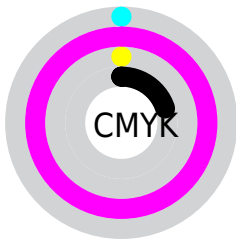
Distribution



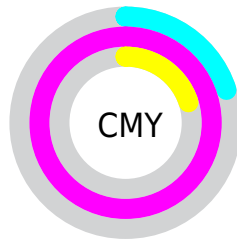
- Red (80%)
- Green (0%)
- Blue (80%)



- Red (80%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (99%)
- Yellow (0%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4189, 17.0300, 57.9202 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 35.4189, 17.0300, 57.9202 by changing the saturation by 10% instead.


 35.4189, 17.0300,
57.9202


 35.4189, 17.0300,
57.9202


317.8892,
235.3452, 434.4785


 24.1538, 10.2559,
41.3302


 67.4640, 38.3773,
103.3203


 15.5731, 5.5689,
28.2556


 88.9746, 53.7194,
132.9674

 9.3115, 2.5848,
18.2777


 114.6311, 72.6861,
167.8041

 5.0036, 0.9190,
10.9780

 144.7988, 95.6621,
208.2488

 2.2842, 0.0000,
5.9381

 179.8432,
123.0316, 254.7200

 0.7866, 0.0000,
2.7393

 220.1294,

 0.0000, 0.0000,

155.1790, 307.6363

0.9631

266.0230,
192.4887, 367.4163

■ 0.0000, 0.0000,
0.0000

■ 35.4189, 17.0300,
57.9202

■ 35.4189, 17.0300,
57.9202

■ 35.4084, 17.0085,
57.9168

■ 35.6827, 17.5569,
58.0083

■ 36.2233, 18.6381,
58.1885

■ 37.1272, 20.4459,
58.4899

■ 38.4430, 23.0775,
58.9286

■ 40.2120, 26.6154,
59.5183

■ 42.4702, 31.1319,
60.2711

■ 45.2503, 36.6920,
61.1978

■ 48.5819, 43.3553,
62.3084

■ 52.4927, 51.1769,
63.6121

Harmonies

Analogous

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



25.6556, 17.0300, 103.3029



35.4189, 17.0300, 57.9202



39.8830, 17.0300, 20.0916

Triad

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



35.4189, 17.0300, 57.9202



16.7186, 17.0300, 0.0000



5.3383, 17.0300, 52.5177

Complementary

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



35.4189, 17.0300, 57.9202



21.3747, 42.7213, 7.1490

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.



4.4318, 17.0300, 17.0757



35.4189, 17.0300, 57.9202



9.3917, 17.0300, 0.0000

Square

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



35.4189, 17.0300, 57.9202



26.9151, 17.0300, 0.0427



5.5935, 17.0300, 2.8909



8.7716, 17.0300, 98.6372

Rectangle

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



35.4189, 17.0300, 57.9202



38.3579, 17.0300, 7.0849



5.5935, 17.0300, 2.8909



4.7985, 17.0300, 38.3754

Sweetspot

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



35.4196, 17.0308, 57.9205



75.3100, 60.5201, 102.3197



10.8036, 4.3408, 56.7691



15.6777, 12.0703, 21.7534



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.



35.4196, 17.0308, 57.9205



59.2898, 28.4799, 96.9790



27.0391, 13.6786, 13.7892



11.6876, 11.4038, 14.1555



22.5335, 10.8240, 36.8575



1.1625, 0.5584, 1.9014

Inverse Universe

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



35.4196, 17.0308, 57.9205



59.2898, 28.4799, 96.9790



23.7681, 43.6787, 19.7522



11.6876, 11.4038, 14.1555



22.5335, 10.8240, 36.8575



1.1625, 0.5584, 1.9014

Previews

White Background



This preview shows how the XYZ color 35.4189, 17.0300, 57.9202 looks on a white background.

Color Contrast Check

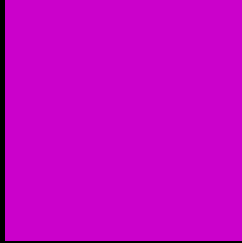
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4189, 17.0300, 57.9202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

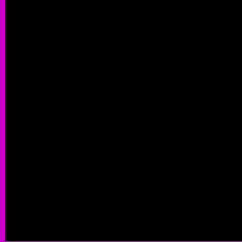
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.4189, 17.0300, 57.9202

Background



This preview shows how black text looks on a background with the XYZ color 35.4189, 17.0300, 57.9202.



This preview shows how white text looks on a background with the XYZ color 35.4189, 17.0300,

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

35.4189, 17.0300, 57.9202

Protanopia

21.2268, 17.7614, 83.1984

Deuteranopia

18.2910, 17.7863, 51.7593



Tritanopia

25.7436, 17.3403, 10.5845

Trichromacy



Original Color

35.4189, 17.0300, 57.9202



Protanomaly

18.7320, 11.5268, 72.4718



Deuteranomaly

19.8376, 12.8238, 53.0594



Tritanomaly

27.5858, 15.5283, 21.9654

Monochromacy



Original Color

35.4189, 17.0300, 57.9202



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

13.9023, 8.6827, 21.0219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4189, 17.0300, 57.9202 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(203, 1, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 1, 203)  
}
```

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(203, 1, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 1, 203) }
```

Border

The CSS property to change the border of an element to XYZ 35.4189, 17.0300, 57.9202 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(203, 1, 203) }
```


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

```
.border{ border-color:rgb(203, 1, 203) }
```

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

Here you see how a box with a 4 pixel rgb(203, 1, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 1, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 1, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 1,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4189, 17.0300, 57.9202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 1, 203) }
```

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

```
.background{ background-color: rgb(203, 1,  
203) }
```

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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