

Converting Colors

XYZ(35.7278, 17.3319, 50.7579)

Have a look what the booklet for
XYZ(35.7278, 17.3319, 50.7579)
contains.

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Color

**XYZ(35.6985, 17.3169,
50.7512)**

Conversions

Conversions Part 1

Format	Color
Hex	D100BF
RGB	209, 0, 191
RGB Percent	82%, 0%, 75%
CMY	0.1804, 0.9999, 0.2510
CMYK	0.00, 1.00, 0.09, 0.18
HSL	305°, 100%, 41%
HSV	305°, 100%, 82%
XYZ	35.6985, 17.3169, 50.7512
YIQ	84.2650, 63.2530, 103.7090

Conversions

Conversions Part 2

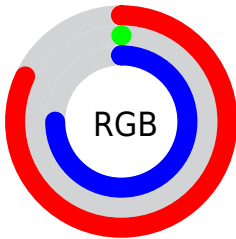
Format	Color
R_{YB}	209, 0, 191
Decimal	13697215
CIE _{Lab}	48.66, 82.06, -43.59
CIE _{LCh}	49, 92.917, 332.021
Yxy	17.3169, 0.3440, 0.1669
Android (android.graphics.Color)	4291887295 (0xFFD100BF)
YUV	84.2650, 52.6204, 109.3926
Hunter-Lab	41.6136, 80.3037, -43.1796

Details

The XYZ color **35.6985, 17.3169, 50.7512** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed rose. A complement of this color would be **22.9106, 45.6455, 8.1766**, and the grayscale version is **8.3708, 8.8068, 9.5906**.

A 20% lighter version of the original color is **62.0976, 35.8660, 92.4569**, and **17.0930, 8.2902, 24.3662** is the 20% darker color. If you saturate the color by 10%, you get **35.6985, 17.3170, 50.7499**, and if you desaturate by 10%, it is **36.1651, 17.9306, 51.8904**.

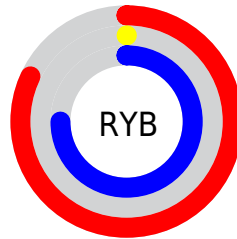
Distribution



Red (82%)

Green (0%)

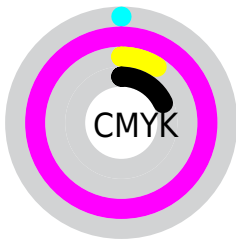
Blue (75%)



Red (82%)

Yellow (0%)

Blue (75%)

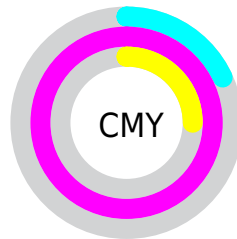


Cyan (0%)

Magenta (100%)

Yellow (9%)

Black (18%)



Cyan (18%)


Magenta (100%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.6985, 17.3169, 50.7512 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 35.6985, 17.3169, 50.7512 by changing the saturation by 10% instead.

 35.6985, 17.3169,
50.7512


 35.6985, 17.3169,
50.7512

319.0951,
236.9920, 406.4153


 24.3705, 10.4607,
35.6353


 67.8934, 38.8698,
92.6946


 15.7349, 5.7055,
23.8652


 89.4909, 54.3354,
120.3592


 9.4264, 2.6668,
15.0224


 115.2423, 73.4394,
153.0438

 5.0797, 0.9604,
8.6883

 145.5130, 96.5665,
191.1669

 2.3293, 0.0000,
4.4444

 180.6682,
124.1008, 235.1471

 0.8096, 0.0000,
1.8722

 221.0734,

 0.0000, 0.0000,

156.4270, 285.4028

0.4749

267.0939,
193.9292, 342.3527

■ 0.0000, 0.0000,
0.0000

■ 35.6985, 17.3169,
50.7512

■ 35.6985, 17.3169,
50.7512

■ 35.6985, 17.3170,
50.7499

■ 36.1651, 17.9306,
51.8904

■ 36.9221, 19.1216,
53.1384

■ 38.0670, 21.0846,
54.5278

■ 39.6529, 23.9256,
56.0763

■ 41.7244, 27.7337,
57.7989

■ 44.3205, 32.5871,
59.7085

■ 47.4764, 38.5563,
61.8171

■ 51.2242, 45.7052,
64.1352

■ 55.5936, 54.0933,
66.6729

Harmonies

Analogous

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



26.8223, 17.3169, 93.7338



35.6985, 17.3169, 50.7512



39.0023, 17.3169, 17.2407

Triad

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



35.6985, 17.3169, 50.7512



15.8854, 17.3169, 0.0000



6.0751, 17.3169, 56.5306

Complementary

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



35.6985, 17.3169, 50.7512



22.9106, 45.6455, 8.1766

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.



4.8798, 17.3169, 20.5674



35.6985, 17.3169, 50.7512



9.1824, 17.3169, 0.3573

Square

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



35.6985, 17.3169, 50.7512



25.4536, 17.3169, 0.1282



5.7812, 17.3169, 4.2580



9.8809, 17.3169, 98.6612

Rectangle

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



35.6985, 17.3169, 50.7512



36.9239, 17.3169, 6.1264



5.7812, 17.3169, 4.2580



5.4286, 17.3169, 42.6335

Sweetspot

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



35.6992, 17.3178, 50.7515



74.2671, 60.1029, 96.8277



11.7483, 4.7275, 60.6156



15.4237, 11.9687, 20.4159



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.



35.6992, 17.3178, 50.7515



55.9529, 27.1451, 79.4069



28.0196, 14.2459, 10.3116



12.2650, 11.9908, 14.6715



22.0287, 10.6843, 31.3869



1.2449, 0.6027, 1.8246

Inverse Universe

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



35.6992, 17.3178, 50.7515



55.9529, 27.1451, 79.4069



26.3097, 47.0051, 26.0759



12.2650, 11.9908, 14.6715



22.0287, 10.6843, 31.3869



1.2449, 0.6027, 1.8246

Previews

White Background



This preview shows how the XYZ color 35.6985, 17.3169, 50.7512 looks on a white background.

Color Contrast Check

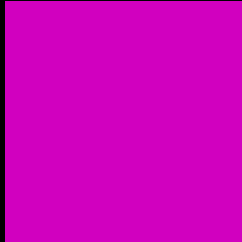
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.6985, 17.3169, 50.7512 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 35.6985, 17.3169, 50.7512

Background



This preview shows how black text looks on a background with the XYZ color 35.6985, 17.3169, 50.7512.



This preview shows how white text looks on a background with the XYZ color 35.6985, 17.3169,

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

35.6985, 17.3169, 50.7512

Protanopia

21.6333, 18.1015, 84.7918

Deuteranopia

18.4285, 18.0035, 45.1516



Tritanopia

27.2527, 17.6171, 9.5535

Trichromacy



Original Color

35.6985, 17.3169, 50.7512



Protanomaly

18.4827, 11.4452, 70.3422



Deuteranomaly

20.3561, 13.1418, 46.2635



Tritanomaly

28.8042, 16.0265, 19.3446

Monochromacy



Original Color

35.6985, 17.3169, 50.7512



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

13.9015, 8.6434, 19.6745

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.6985, 17.3169, 50.7512 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(209, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 191)  
}
```

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(209, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 191) }
```

Border

The CSS property to change the border of an element to XYZ 35.6985, 17.3169, 50.7512 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(209, 0, 191) }
```


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

```
.border{ border-color:rgb(209, 0, 191) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 35.6985, 17.3169, 50.7512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 191) }
```

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

```
.background{ background-color: rgb(209, 0,  
191) }
```

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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