

Converting Colors

XYZ(35.1017, 17.0815, 47.4611)

Have a look what the booklet for
XYZ(35.1017, 17.0815, 47.4611)
contains.

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Color

**XYZ(35.0515, 17.0581,
47.3441)**

Conversions

Conversions Part 1

Format	Color
Hex	D100B9
RGB	209, 0, 185
RGB Percent	82%, 0%, 73%
CMY	0.1804, 0.9999, 0.2745
CMYK	0.00, 1.00, 0.11, 0.18
HSL	307°, 100%, 41%
HSV	307°, 100%, 82%
XYZ	35.0515, 17.0581, 47.3441
YIQ	83.5810, 65.1790, 101.8430

Conversions

Conversions Part 2

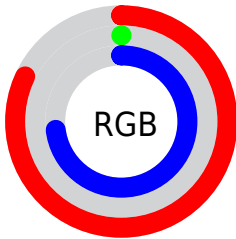
Format	Color
R_{YB}	209, 0, 185
Decimal	13697209
CIE _{Lab}	48.33, 81.26, -40.60
CIE _{LCh}	48, 90.838, 333.452
Yxy	17.0581, 0.3524, 0.1715
Android (android.graphics.Color)	4291887289 (0xFFD100B9)
YUV	83.5810, 49.9996, 109.9925
Hunter-Lab	41.3015, 79.2109, -39.0535

Details

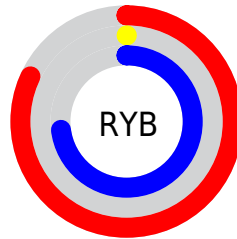
The XYZ color **35.0515, 17.0581, 47.3441** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **22.9663, 45.6677, 8.4702**, and the grayscale version is **8.2359, 8.6648, 9.4360**.

A 20% lighter version of the original color is **61.1814, 35.4995, 87.6319**, and **16.6744, 8.1227, 22.1617** is the 20% darker color. If you saturate the color by 10%, you get **35.0514, 17.0581, 47.3423**, and if you desaturate by 10%, it is **35.5743, 17.6943, 48.7794**.

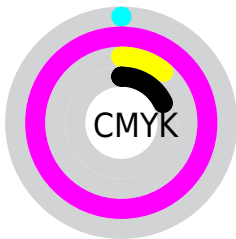
Distribution



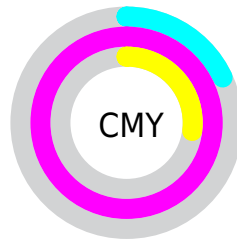
- Red (82%)
- Green (0%)
- Blue (73%)



- Red (82%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (100%)
- Yellow (11%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0515, 17.0581, 47.3441 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 35.0515, 17.0581, 47.3441 by changing the saturation by 10% instead.


 35.0515, 17.0581,
47.3441


 35.0515, 17.0581,
47.3441


316.2996,
235.5070, 392.6198


 23.8692, 10.2759,
32.9515


 66.8990, 38.4256,
87.5824


 15.3609, 5.5823,
21.8185


 88.2950, 53.7798,
114.2651


 9.1610, 2.5928,
13.5265


 113.8263, 72.7601,
145.8816

 4.9043, 0.9230,
7.6571

 143.8583, 95.7508,
182.8505

 2.2254, 0.0000,
3.7917

 178.7562,
123.1365, 225.5902

 0.7561, 0.0000,
1.5118

 218.8855,

 0.0000, 0.0000,

155.3015, 274.5193

0.2267

264.6115,
192.6302, 330.0563

■ 0.0000, 0.0000,
0.0000

■ 35.0515, 17.0581,
47.3441

■ 35.0515, 17.0581,
47.3441

■ 35.0514, 17.0581,
47.3423

■ 35.5743, 17.6943,
48.7794

■ 36.3894, 18.9085,
50.3332

■ 37.5943, 20.8956,
52.0382

■ 39.2420, 23.7613,
53.9123

■ 41.3772, 27.5949,
55.9704

■ 44.0389, 32.4747,
58.2256

■ 47.2624, 38.4709,
60.6898

■ 51.0797, 45.6476,
63.3737

■ 55.5205, 54.0643,
66.2874

Harmonies

Analogous

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



26.6779, 17.0581, 88.5862



35.0515, 17.0581, 47.3441



37.8851, 17.0581, 15.9588

Triad

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



35.0515, 17.0581, 47.3441



15.2725, 17.0581, 0.0000



6.2217, 17.0581, 56.7923

Complementary

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



35.0515, 17.0581, 47.3441



22.9663, 45.6677, 8.4702

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.



4.9424, 17.0581, 21.4590



35.0515, 17.0581, 47.3441



8.9206, 17.0581, 0.5274

Square

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



35.0515, 17.0581, 47.3441



24.4280, 17.0581, 0.1449



5.7286, 17.0581, 4.7327



10.0836, 17.0581, 96.6026

Rectangle

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



35.0515, 17.0581, 47.3441



35.6632, 17.0581, 5.6886



5.7286, 17.0581, 4.7327



5.5488, 17.0581, 43.2966

Sweetspot

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



35.0521, 17.0590, 47.3444



73.9275, 59.9671, 95.0393



11.8169, 4.7628, 60.6188



15.3413, 11.9358, 19.9819



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.



35.0521, 17.0590, 47.3444



54.9281, 26.7352, 74.0103



27.8805, 14.1903, 9.5791



12.2499, 11.9847, 14.5917



21.6348, 10.5268, 29.3129



1.2267, 0.5954, 1.7285

Inverse Universe

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



35.0521, 17.0590, 47.3444



54.9281, 26.7352, 74.0103



26.5293, 47.0929, 27.2324



12.2499, 11.9847, 14.5917



21.6348, 10.5268, 29.3129



1.2267, 0.5954, 1.7285

Previews

White Background



This preview shows how the XYZ color 35.0515, 17.0581, 47.3441 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

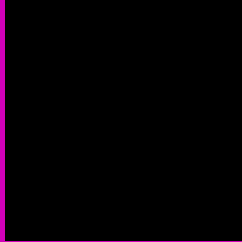
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 35.0515, 17.0581, 47.3441

Background



This preview shows how black text looks on a background with the XYZ color 35.0515, 17.0581, 47.3441.



This preview shows how white text looks on a background with the XYZ color 35.0515, 17.0581,

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

35.0515, 17.0581, 47.3441

Protanopia

21.4851, 18.0422, 84.0115

Deuteranopia

18.1998, 17.7709, 42.5153



Tritanopia

27.2753, 17.4430, 8.9505

Trichromacy



Original Color

35.0515, 17.0581, 47.3441



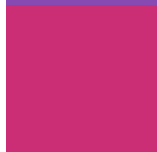
Protanomaly

18.0840, 11.2857, 68.2431



Deuteranomaly

20.3162, 13.1802, 43.5927



Tritanomaly

28.7580, 15.9115, 18.0785

Monochromacy



Original Color

35.0515, 17.0581, 47.3441



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

13.7776, 8.5938, 19.0218

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0515, 17.0581, 47.3441 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 185) }
```

Border

The CSS property to change the border of an element to XYZ 35.0515, 17.0581, 47.3441 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, 185) }
```


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

```
.border{ border-color:rgb(209, 0, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 185);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0515, 17.0581, 47.3441 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, 185) }
```

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

```
.background{ background-color: rgb(209, 0,  
185) }
```

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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