

Converting Colors

XYZ(35.3874, 17.6296, 29.3653)

Have a look what the booklet for
XYZ(35.3874, 17.6296, 29.3653)
contains.

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Color

**XYZ(35.4695, 17.6677,
29.5577)**

Conversions

Conversions Part 1

Format	Color
Hex	DE0094
RGB	222, 0, 148
RGB Percent	87%, 0%, 58%
CMY	0.1294, 0.9998, 0.4196
CMYK	0.00, 1.00, 0.33, 0.13
HSL	320°, 100%, 44%
HSV	320°, 100%, 87%
XYZ	35.4695, 17.6677, 29.5577
YIQ	83.2500, 84.8040, 93.0920

Conversions

Conversions Part 2

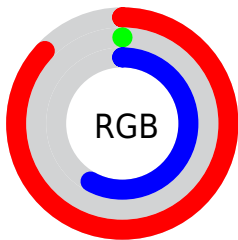
Format	Color
R_{YB}	222, 0, 148
Decimal	14549140
CIE _{Lab}	49.09, 79.41, -17.27
CIE _{LCh}	49, 81.272, 347.728
Yxy	17.6677, 0.4289, 0.2136
Android (android.graphics.Color)	4292739220 (0xFFDE0094)
YUV	83.2500, 31.9217, 121.6838
Hunter-Lab	42.0330, 77.0695, -12.2698

Details

The XYZ color **35.4695, 17.6677, 29.5577** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **27.3594, 52.7379, 15.2237**, and the grayscale version is **8.2027, 8.6299, 9.3979**.

A 20% lighter version of the original color is **55.9034, 33.5297, 59.4026**, and **16.8556, 8.4401, 12.0500** is the 20% darker color. If you saturate the color by 10%, you get **35.4684, 17.6673, 29.5518**, and if you desaturate by 10%, it is **36.3660, 18.4929, 32.8403**.

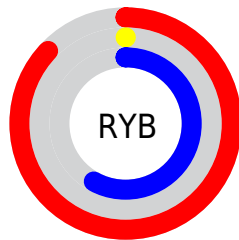
Distribution



Red (87%)

Green (0%)

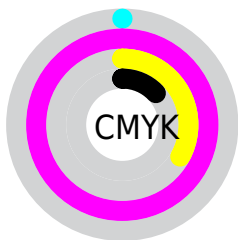
Blue (58%)



Red (87%)

Yellow (0%)

Blue (58%)

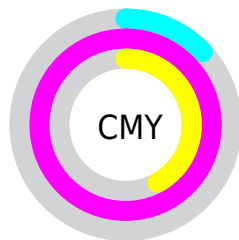


Cyan (0%)

Magenta (100%)

Yellow (33%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4695, 17.6677, 29.5577 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 35.4695, 17.6677, 29.5577 by changing the saturation by 10% instead.


 35.4695, 17.6677,
29.5577


 35.4695, 17.6677,
29.5577


318.1077,
238.9913, 313.9802

 24.1930, 10.7117,
19.2539


 67.5417, 39.4703,
60.0147

 15.6023, 5.8733,
11.6752


 89.0681, 55.0856,
81.0050


 9.3323, 2.7682,
6.4031


 114.7418, 74.3562,
106.3946

 5.0174, 1.0119,
3.0190

 144.9282, 97.6664,
136.6020

 2.2923, 0.0000,
1.1043

 179.9926,
125.4006, 172.0457

 0.7907, 0.0000,
0.0000

 220.3004,

 0.0000, 0.0000,

157.9432, 213.1442

0.0000

266.2170,
195.6787, 260.3162

■ 35.4695, 17.6677,
29.5577

■ 35.4695, 17.6677,
29.5577

■ 35.4684, 17.6673,
29.5518

■ 36.3660, 18.4929,
32.8403

■ 37.6348, 20.0015,
36.4350

■ 39.3853, 22.4117,
40.3818

■ 41.6800, 25.8469,
44.7045

■ 44.5712, 30.4111,
49.4238

■ 48.1050, 36.1954,
54.5580

■ 52.3227, 43.2815,
60.1239

■ 57.2622, 51.7441,
66.1369

■ 62.9584, 61.6522,
72.6115

Harmonies

Analogous

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



30.0711, 17.6677, 63.2673



35.4695, 17.6677, 29.5577



34.8808, 17.6677, 9.1108

Triad

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



35.4695, 17.6677, 29.5577



12.7294, 17.6677, 0.5052



8.7650, 17.6677, 69.6956

Complementary

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



35.4695, 17.6677, 29.5577



27.3594, 52.7379, 15.2237

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.



6.3750, 17.6677, 34.9762



35.4695, 17.6677, 29.5577



8.1434, 17.6677, 2.5953

Square

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



35.4695, 17.6677, 29.5577



20.0892, 17.6677, 0.3652



6.1883, 17.6677, 11.6512



13.8779, 17.6677, 95.7919

Rectangle

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



35.4695, 17.6677, 29.5577



31.1810, 17.6677, 3.3218



6.1883, 17.6677, 11.6512



7.6930, 17.6677, 57.8187

Sweetspot

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



35.4700, 17.6687, 29.5580



71.4722, 58.9850, 82.1099



16.0116, 6.7319, 69.5628



14.7499, 11.6992, 16.8676



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.



35.4700, 17.6687, 29.5580



48.4941, 24.1617, 40.1298



30.4592, 15.6644, 3.1714



14.0906, 13.8539, 16.2473



21.1211, 10.5154, 17.8352



1.5050, 0.7453, 1.4523

Inverse Universe

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



35.4700, 17.6687, 29.5580



48.4941, 24.1617, 40.1298



34.8796, 55.7460, 54.8247



14.0906, 13.8539, 16.2473



21.1211, 10.5154, 17.8352



1.5050, 0.7453, 1.4523

Previews

White Background



This preview shows how the XYZ color 35.4695, 17.6677, 29.5577 looks on a white background.

Color Contrast Check

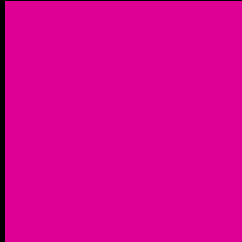
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4695, 17.6677, 29.5577 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 35.4695, 17.6677, 29.5577

Background



This preview shows how black text looks on a background with the XYZ color 35.4695, 17.6677, 29.5577.



This preview shows how white text looks on a background with the XYZ color 35.4695, 17.6677,

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

35.4695, 17.6677, 29.5577

Protanopia

20.6363, 18.3811, 64.0883

Deuteranopia

18.7180, 18.3907, 26.6080



Tritanopia

30.6743, 17.9620, 6.2652

Trichromacy



Original Color

35.4695, 17.6677, 29.5577



Protanomaly

20.2120, 12.9080, 49.0031



Deuteranomaly

21.4318, 14.1197, 27.1870



Tritanomaly

31.5508, 17.0189, 11.9780

Monochromacy



Original Color

35.4695, 17.6677, 29.5577



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.7585, 8.6761, 14.8594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4695, 17.6677, 29.5577 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(222, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 148)  
}
```

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(222, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 35.4695, 17.6677, 29.5577 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(222, 0, 148) }
```


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

```
.border{ border-color:rgb(222, 0, 148) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4695, 17.6677, 29.5577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 148) }
```

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

```
.background{ background-color: rgb(222, 0,  
148) }
```

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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