

Converting Colors

XYZ(35.5708, 17.6134, 34.3729)

Have a look what the booklet for
XYZ(35.5708, 17.6134, 34.3729)
contains.

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Color

**XYZ(35.4714, 17.5633,
34.3214)**

Conversions

Conversions Part 1

Format	Color
Hex	DB009F
RGB	219, 0, 159
RGB Percent	86%, 0%, 62%
CMY	0.1412, 0.9998, 0.3765
CMYK	0.00, 1.00, 0.27, 0.14
HSL	316°, 100%, 43%
HSV	316°, 100%, 86%
XYZ	35.4714, 17.5633, 34.3214
YIQ	83.6070, 79.4850, 95.8770

Conversions

Conversions Part 2

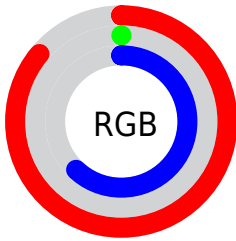
Format	Color
R_{YB}	219, 0, 159
Decimal	14352543
CIE _{Lab}	48.96, 79.98, -24.11
CIE _{LCh}	49, 83.530, 343.224
Yxy	17.5633, 0.4061, 0.2011
Android (android.graphics.Color)	4292542623 (0xFFDB009F)
YUV	83.6070, 37.1687, 118.7397
Hunter-Lab	41.9086, 77.7422, -19.2200

Details

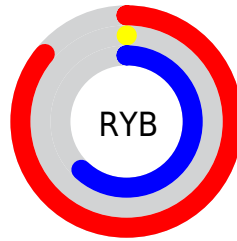
The XYZ color **35.4714, 17.5633, 34.3214** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **26.1489, 50.9901, 12.7449**, and the grayscale version is **8.2659, 8.6963, 9.4703**.

A 20% lighter version of the original color is **57.2919, 33.9437, 67.1505**, and **16.9519, 8.4325, 14.6441** is the 20% darker color. If you saturate the color by 10%, you get **35.4704, 17.5629, 34.3160**, and if you desaturate by 10%, it is **36.2910, 18.3484, 37.2269**.

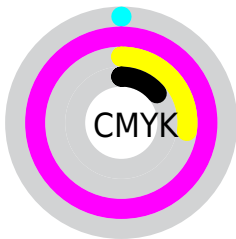
Distribution



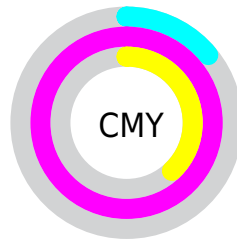
- Red (86%)
- Green (0%)
- Blue (62%)



- Red (86%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (14%)





- Cyan (14%)
- Magenta (100%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.4714, 17.5633, 34.3214 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 35.4714, 17.5633, 34.3214 by changing the saturation by 10% instead.

 35.4714, 17.5633,
34.3214


 35.4714, 17.5633,
34.3214


318.1159,
238.3979, 336.3756


 24.1944, 10.6369,
22.8613


 67.5446, 39.2918,
67.5728


 15.6034, 5.8233,
14.2868


 89.0716, 54.8627,
90.2011

 9.3330, 2.7379,
8.1794


 114.7460, 74.0838,
117.3892

 5.0179, 0.9965,
4.1205

 144.9330, 97.3397,
149.5556

 2.2926, 0.0000,
1.6917

 179.9982,
125.0147, 187.1189

 0.7909, 0.0000,
0.3550

 220.3069,

 0.0000, 0.0000,

157.4931, 230.4977

0.0000

266.2243,
195.1594, 280.1104

■ 35.4714, 17.5633,
34.3214

■ 35.4714, 17.5633,
34.3214

■ 35.4704, 17.5629,
34.3160

■ 36.2910, 18.3484,
37.2269

■ 37.4593, 19.7902,
40.3750

■ 39.0829, 22.1012,
43.8031

■ 41.2218, 25.4004,
47.5326

■ 43.9263, 29.7882,
51.5822

■ 47.2407, 35.3527,
55.9681

■ 51.2047, 42.1728,
60.7050

■ 55.8547, 50.3206,
65.8068

■ 61.2241, 59.8627,
71.2859

Harmonies

Analogous

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



29.1574, 17.5633, 70.3121



35.4714, 17.5633, 34.3214



35.8690, 17.5633, 10.9106

Triad

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



35.4714, 17.5633, 34.3214



13.5037, 17.5633, 0.2169



8.0022, 17.5633, 65.9394

Complementary

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



35.4714, 17.5633, 34.3214



26.1489, 50.9901, 12.7449

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.



5.9646, 17.5633, 30.6760



35.4714, 17.5633, 34.3214



8.4099, 17.5633, 1.8200

Square

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



35.4714, 17.5633, 34.3214



21.3872, 17.5633, 0.3106



6.0861, 17.5633, 9.2418



12.7421, 17.5633, 96.3006

Rectangle

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



35.4714, 17.5633, 34.3214



32.5689, 17.5633, 3.9551



6.0861, 17.5633, 9.2418



7.0553, 17.5633, 53.4506

Sweetspot

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



35.4720, 17.5643, 34.3217



72.1167, 59.2428, 85.5038



14.5568, 6.0280, 67.4142



14.9043, 11.7610, 17.6807



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.



35.4720, 17.5643, 34.3217



50.0100, 24.7680, 48.1120



29.8144, 15.3012, 4.5295



13.4542, 13.2108, 15.6531



21.0806, 10.4333, 20.6021



1.4013, 0.6901, 1.5220

Inverse Universe

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



35.4720, 17.5643, 34.3217



50.0100, 24.7680, 48.1120



32.3916, 53.4872, 45.6189



13.4542, 13.2108, 15.6531



21.0806, 10.4333, 20.6021



1.4013, 0.6901, 1.5220

Previews

White Background



This preview shows how the XYZ color 35.4714, 17.5633, 34.3214 looks on a white background.

Color Contrast Check

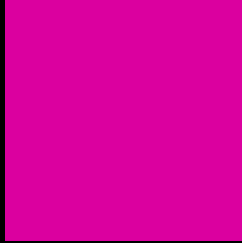
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4714, 17.5633, 34.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

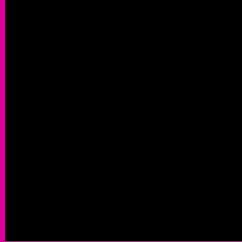
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.4714, 17.5633, 34.3214

Background



This preview shows how black text looks on a background with the XYZ color 35.4714, 17.5633, 34.3214.



This preview shows how white text looks on a background with the XYZ color 35.4714, 17.5633,

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

35.4714, 17.5633, 34.3214

Protanopia

21.4337, 18.5647, 74.4052

Deuteranopia

18.6096, 18.2381, 30.9732



Tritanopia

29.9123, 17.9454, 7.0415

Trichromacy



Original Color

35.4714, 17.5633, 34.3214



Protanomaly

20.1134, 12.6742, 57.2634



Deuteranomaly

21.1474, 13.8729, 31.7001



Tritanomaly

31.0834, 16.8848, 13.6774

Monochromacy



Original Color

35.4714, 17.5633, 34.3214



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

13.8152, 8.6804, 15.9863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4714, 17.5633, 34.3214 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(219, 0, 159)` looks like.

```
.text, #text, p{  
    color:rgb(219, 0, 159)  
}
```

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(219, 0, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 0, 159) }
```

Border

The CSS property to change the border of an element to XYZ 35.4714, 17.5633, 34.3214 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(219, 0, 159) }
```


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

```
.border{ border-color:rgb(219, 0, 159) }
```

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

Here you see how a box with a 4 pixel rgb(219, 0, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 0, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 0, 159);  
box-shadow:4px 4px 4px 4px rgb(219, 0,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4714, 17.5633, 34.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 0, 159) }
```

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

```
.background{ background-color: rgb(219, 0,  
159) }
```

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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