

Converting Colors

XYZ(34.4426, 17.0741, 32.4130)

Have a look what the booklet for
XYZ(34.4426, 17.0741, 32.4130)
contains.

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Color

**XYZ(34.5317, 17.1183,
32.4945)**

Conversions

Conversions Part 1

Format	Color
Hex	D9009B
RGB	217, 0, 155
RGB Percent	85%, 0%, 61%
CMY	0.1490, 0.9998, 0.3922
CMYK	0.00, 1.00, 0.29, 0.15
HSL	317°, 100%, 43%
HSV	317°, 100%, 85%
XYZ	34.5317, 17.1183, 32.4945
YIQ	82.5530, 79.5770, 94.2090

Conversions

Conversions Part 2

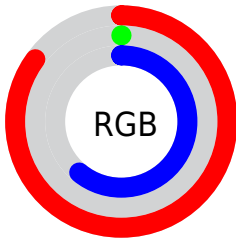
Format	Color
RYB	217, 0, 155
Decimal	14221467
CIELab	48.41, 79.15, -22.60
CIELCh	48, 82.317, 344.062
Yxy	17.1183, 0.4104, 0.2034
Android (android.graphics.Color)	4292411547 (0xFFD9009B)
YUV	82.5530, 35.7164, 117.9100
Hunter-Lab	41.3743, 76.5743, -17.6032

Details

The XYZ color **34.5317, 17.1183, 32.4945** 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 **25.6841, 49.9744, 12.8558**, and the grayscale version is **8.0550, 8.4745, 9.2287**.

A 20% lighter version of the original color is **56.7872, 33.7418, 64.4926**, and **16.4033, 8.1676, 13.8087** is the 20% darker color. If you saturate the color by 10%, you get **34.5308, 17.1179, 32.4894**, and if you desaturate by 10%, it is **35.3482, 17.8961, 35.4027**.

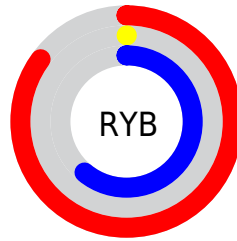
Distribution



Red (85%)

Green (0%)

Blue (61%)



Red (85%)

Yellow (0%)

Blue (61%)

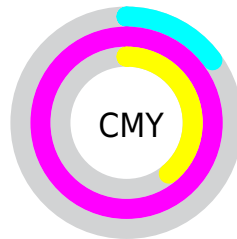


Cyan (0%)

Magenta (100%)

Yellow (29%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.5317, 17.1183, 32.4945 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 34.5317, 17.1183, 32.4945 by changing the saturation by 10% instead.

 34.5317, 17.1183,
32.4945


 34.5317, 17.1183,
32.4945


314.0408,
235.8532, 327.9276

 23.4672, 10.3189,
21.4715


 66.0985, 38.5291,
64.6924


 15.0614, 5.6109,
13.2745


 87.3314, 53.9092,
86.7044


 8.9491, 2.6100,
7.4849


 112.6846, 72.9183,
113.2165

 4.7649, 0.9317,
3.6842

 142.5233, 95.9409,
144.6473

 2.1433, 0.0000,
1.4537

 177.2129,
123.3613, 181.4153

 0.7126, 0.0000,
0.1831

 217.1188,

 0.0000, 0.0000,

155.5638, 223.9389

0.0000

262.6063,
192.9330, 272.6369

■ 34.5317, 17.1183,
32.4945

■ 34.5317, 17.1183,
32.4945

■ 34.5308, 17.1179,
32.4894

■ 35.3482, 17.8961,
35.4027

■ 36.5077, 19.3168,
38.5591

■ 38.1152, 21.5892,
42.0005

■ 40.2291, 24.8299,
45.7483

■ 42.8989, 29.1370,
49.8209

■ 46.1677, 34.5964,
54.2343

■ 50.0744, 41.2855,
59.0032

■ 54.6547, 49.2747,
64.1413

■ 59.9414, 58.6291,
69.6612

Harmonies

Analogous

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



28.5534, 17.1183, 67.1058



34.5317, 17.1183, 32.4945



34.7346, 17.1183, 10.2728

Triad

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



34.5317, 17.1183, 32.4945



13.0012, 17.1183, 0.2526



7.9290, 17.1183, 64.8771

Complementary

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



34.5317, 17.1183, 32.4945



25.6841, 49.9744, 12.8558

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.



5.8821, 17.1183, 30.6328



34.5317, 17.1183, 32.4945



8.1382, 17.1183, 1.9025

Square

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



34.5317, 17.1183, 32.4945



20.5769, 17.1183, 0.3014



5.9446, 17.1183, 9.4168



12.6111, 17.1183, 93.6522

Rectangle

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



34.5317, 17.1183, 32.4945



31.4464, 17.1183, 3.7282



5.9446, 17.1183, 9.4168



6.9847, 17.1183, 52.8265

Sweetspot

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



34.5322, 17.1192, 32.4948



71.9879, 59.1913, 84.8256



14.4811, 6.0191, 66.0444



14.8734, 11.7486, 17.5180



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.



34.5322, 17.1192, 32.4948



49.6968, 24.6427, 46.4631



29.1299, 14.9583, 4.0465



13.4475, 13.2081, 15.6176



20.9506, 10.3813, 19.9179



1.3937, 0.6871, 1.4821

Inverse Universe

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



34.5322, 17.1192, 32.4948



49.6968, 24.6427, 46.4631



32.0685, 52.5282, 46.4753



13.4475, 13.2081, 15.6176



20.9506, 10.3813, 19.9179



1.3937, 0.6871, 1.4821

Previews

White Background



This preview shows how the XYZ color 34.5317, 17.1183, 32.4945 looks on a white background.

Color Contrast Check

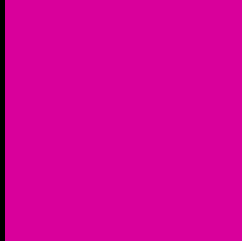
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.5317, 17.1183, 32.4945 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 34.5317, 17.1183, 32.4945

Background



This preview shows how black text looks on a background with the XYZ color 34.5317, 17.1183, 32.4945.



This preview shows how white text looks on a background with the XYZ color 34.5317, 17.1183,

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

34.5317, 17.1183, 32.4945

Protanopia

20.7599, 17.9605, 70.7792

Deuteranopia

18.0676, 17.6564, 29.2438



Tritanopia

29.1725, 17.4093, 6.6733

Trichromacy



Original Color

34.5317, 17.1183, 32.4945



Protanomaly

19.5979, 12.3790, 54.1798



Deuteranomaly

20.5699, 13.5143, 29.9581



Tritanomaly

30.3238, 16.4602, 12.8882

Monochromacy



Original Color

34.5317, 17.1183, 32.4945



Achromatopsia

8.2219, 8.6500, 9.4199



Achromatomaly

13.5491, 8.5559, 15.4053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5317, 17.1183, 32.4945 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(217, 0, 155)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 155)  
}
```

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(217, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.5317, 17.1183, 32.4945 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(217, 0, 155) }
```


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

```
.border{ border-color:rgb(217, 0, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 0, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5317, 17.1183, 32.4945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 155) }
```

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

```
.background{ background-color: rgb(217, 0,  
155) }
```

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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