

Converting Colors

XYZ(33.3497, 15.3473, 18.1354)

Have a look what the booklet for
XYZ(33.3497, 15.3473, 18.1354)
contains.

XYZ(34.2622, 17.2919, 18.3615)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.2622, 17.2919,
18.3615)**

Conversions

Conversions Part 1

Format	Color
Hex	E10075
RGB	225, 0, 117
RGB Percent	88%, 0%, 46%
CMY	0.1176, 0.9998, 0.5412
CMYK	0.00, 1.00, 0.48, 0.12
HSL	329°, 100%, 44%
HSV	329°, 100%, 88%
XYZ	34.2622, 17.2919, 18.3615
YIQ	80.6130, 96.5430, 84.0870

Conversions

Conversions Part 2

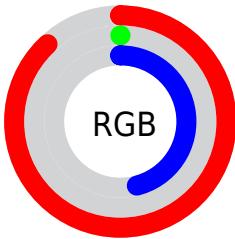
Format	Color
R_{YB}	225, 0, 117
Decimal	14745717
CIE _{Lab}	48.63, 77.29, 0.93
CIE _{LCh}	49, 77.292, 0.688
Yxy	17.2919, 0.4901, 0.2473
Android (android.graphics.Color)	4292935797 (0xFFE10075)
YUV	80.6130, 17.9388, 126.6274
Hunter-Lab	41.5835, 74.3015, 2.9286

Details

The XYZ color **34.2622, 17.2919, 18.3615** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **29.6351, 54.9343, 23.2424**, and the grayscale version is **7.7028, 8.1040, 8.8252**.

A 20% lighter version of the original color is **52.3158, 31.9533, 40.9464**, and **16.1784, 8.2162, 6.3634** is the 20% darker color. If you saturate the color by 10%, you get **34.2607, 17.2913, 18.3542**, and if you desaturate by 10%, it is **35.2320, 18.1559, 22.0015**.

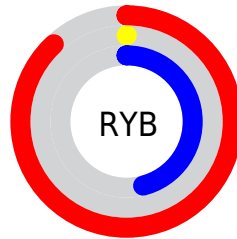
Distribution



Red (88%)

Green (0%)

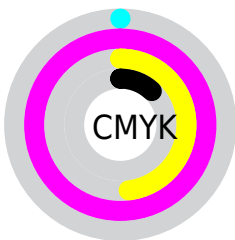
Blue (46%)



Red (88%)

Yellow (0%)

Blue (46%)

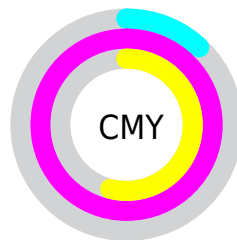


Cyan (0%)

Magenta (100%)

Yellow (48%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2622, 17.2919, 18.3615 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 34.2622, 17.2919, 18.3615 by changing the saturation by 10% instead.


 34.2622, 17.2919,
18.3615


 34.2622, 17.2919,
18.3615


312.8650,
236.8489, 255.2050


 23.2589, 10.4428,
11.0377


 65.6828, 38.8270,
41.4746


 14.9066, 5.6935,
5.9777


 86.8308, 54.2818,
58.1010


 8.8397, 2.6596,
2.7630


 112.0912, 73.3739,
78.6653

 4.6931, 0.9567,
0.9749

 141.8292, 96.4878,
103.5861

 2.1012, 0.0000,
0.0000

 176.4102,
124.0079, 133.2819

 0.6899, 0.0000,
0.0000

 216.1996,

 0.0000, 0.0000,

156.3185, 168.1713

0.0000

261.5628,
193.8041, 208.6728

■ 34.2622, 17.2919,
18.3615

■ 34.2622, 17.2919,
18.3615

■ 34.2607, 17.2913,
18.3542

■ 35.2320, 18.1559,
22.0015

■ 36.6229, 19.7406,
26.1551

■ 38.5486, 22.2704,
30.8714

■ 41.0751, 25.8736,
36.1831

■ 44.2580, 30.6582,
42.1190

■ 48.1464, 36.7189,
48.7052

■ 52.7842, 44.1409,
55.9661

■ 58.2119, 53.0017,
63.9242

■ 64.4667, 63.3731,
72.6009

Harmonies

Analogous

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



31.4840, 17.2919, 45.2618



34.2622, 17.2919, 18.3615



31.2313, 17.2919, 5.0751

Triad

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



34.2622, 17.2919, 18.3615



10.3952, 17.2919, 1.2365



10.6062, 17.2919, 77.8249

Complementary

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



34.2622, 17.2919, 18.3615



29.6351, 54.9343, 23.2424

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.



7.2543, 17.2919, 46.7396



34.2622, 17.2919, 18.3615



7.1595, 17.2919, 5.4227

Square

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



34.2622, 17.2919, 18.3615



16.2717, 17.2919, 0.4580



6.1998, 17.2919, 19.3022



16.6002, 17.2919, 91.4659

Rectangle

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



34.2622, 17.2919, 18.3615



26.7160, 17.2919, 1.8723



6.1998, 17.2919, 19.3022



9.2022, 17.2919, 68.3241

Sweetspot

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



34.2627, 17.2929, 18.3618



69.9506, 58.3763, 74.0975



19.4199, 8.4421, 71.8398



14.3880, 11.5544, 14.9617



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.



34.2627, 17.2929, 18.3618



45.4442, 22.9417, 24.0692



31.0931, 16.0251, 1.6711



14.0033, 13.8190, 15.7877



19.8021, 9.9878, 10.8897



1.4178, 0.7104, 0.9928

Inverse Universe

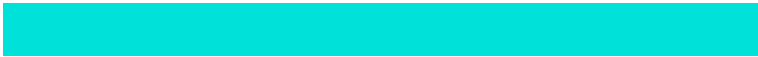
The Inverse Universe completely reimagines the original color for something new.



34.2627, 17.2929, 18.3618



45.4442, 22.9417, 24.0692



39.5154, 58.8864, 75.2715



14.0033, 13.8190, 15.7877



19.8021, 9.9878, 10.8897



1.4178, 0.7104, 0.9928

Previews

White Background



This preview shows how the XYZ color 34.2622, 17.2919, 18.3615 looks on a white background.

Color Contrast Check

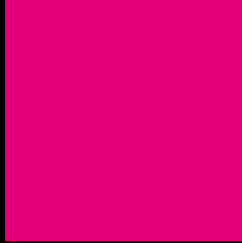
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2622, 17.2919, 18.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

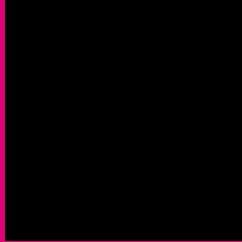
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 34.2622, 17.2919, 18.3615

Background



This preview shows how black text looks on a background with the XYZ color 34.2622, 17.2919, 18.3615.



This preview shows how white text looks on a background with the XYZ color 34.2622, 17.2919,

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

34.2622, 17.2919, 18.3615

Protanopia

18.6624, 18.0647, 40.0393

Deuteranopia

18.1276, 17.7985, 16.6674



Tritanopia

31.6143, 17.6888, 4.4373

Trichromacy



Original Color

34.2622, 17.2919, 18.3615



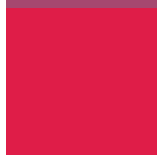
Protanomaly

19.6309, 13.1193, 30.3518



Deuteranomaly

20.9125, 13.8894, 16.6176



Tritanomaly

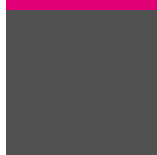
32.0405, 17.0346, 7.7302

Monochromacy



Original Color

34.2622, 17.2919, 18.3615



Achromatopsia

7.8210, 8.2283, 8.9606



Achromatomaly

12.9212, 8.2507, 11.5012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2622, 17.2919, 18.3615 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(225, 0, 117)` looks like.

```
.text, #text, p{  
    color:rgb(225, 0, 117)  
}
```

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(225, 0, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 0, 117) }
```

Border

The CSS property to change the border of an element to XYZ 34.2622, 17.2919, 18.3615 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(225, 0, 117) }
```


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

```
.border{ border-color:rgb(225, 0, 117) }
```

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

Here you see how a box with a 4 pixel rgb(225, 0, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(225, 0,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2622, 17.2919, 18.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 0, 117) }
```

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

```
.background{ background-color: rgb(225, 0,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor