

Converting Colors

XYZ(34.3820, 17.4105, 15.8010)

Have a look what the booklet for
XYZ(34.3820, 17.4105, 15.8010)
contains.

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Color

**XYZ(34.3853, 17.4136,
15.7362)**

Conversions

Conversions Part 1

Format	Color
Hex	E3006C
RGB	227, 0, 108
RGB Percent	89%, 0%, 42%
CMY	0.1098, 0.9998, 0.5765
CMYK	0.00, 1.00, 0.52, 0.11
HSL	331°, 100%, 45%
HSV	331°, 100%, 89%
XYZ	34.3853, 17.4136, 15.7362
YIQ	80.1850, 100.6240, 81.7120

Conversions

Conversions Part 2

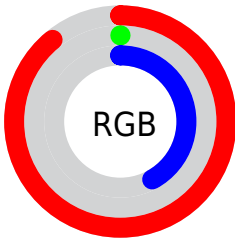
Format	Color
R_{YB}	227, 0, 108
Decimal	14876780
CIE Lab	48.78, 77.06, 6.73
CIE LCh	49, 77.354, 4.990
Yxy	17.4136, 0.5091, 0.2578
Android (android.graphics.Color)	4293066860 (0xFFE3006C)
YUV	80.1850, 13.7128, 128.7568
Hunter-Lab	41.7296, 74.0576, 6.8525

Details

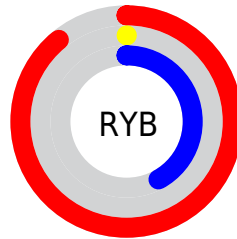
The XYZ color **34.3853, 17.4136, 15.7362** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **30.8024, 56.2714, 26.7068**, and the grayscale version is **7.6269, 8.0241, 8.7382**.

A 20% lighter version of the original color is **51.4124, 31.5919, 36.1890**, and **16.1521, 8.2294, 5.1520** is the 20% darker color. If you saturate the color by 10%, you get **34.3837, 17.4130, 15.7287**, and if you desaturate by 10%, it is **35.3642, 18.2875, 19.4044**.

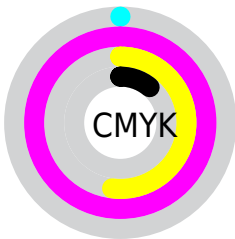
Distribution



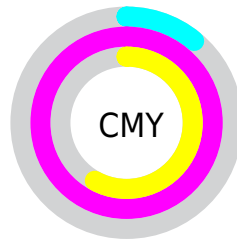
- Red (89%)
- Green (0%)
- Blue (42%)



- Red (89%)
- Yellow (0%)
- Blue (42%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3853, 17.4136, 15.7362 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 34.3853, 17.4136, 15.7362 by changing the saturation by 10% instead.

 34.3853, 17.4136,
15.7362


 34.3853, 17.4136,
15.7362


313.4025,
237.5447, 239.5723


 23.3540, 10.5298,
9.1853


 65.8727, 39.0355,
36.9000

 14.9773, 5.7516,
4.7638


 87.0596, 54.5425,
52.3501


 8.8897, 2.6947,
2.0531


 112.3624, 73.6926,
71.6036

 4.7258, 0.9745,
0.5876

 142.1464, 96.8703,
95.0791

 2.1204, 0.0000,
0.0000

 176.7771,
124.4600, 123.1953

 0.7003, 0.0000,
0.0000

 216.6198,

 0.0000, 0.0000,

156.8460, 156.3705

0.0000

262.0398,
194.4128, 195.0233

■ 34.3853, 17.4136,
15.7362

■ 34.3853, 17.4136,
15.7362

■ 34.3837, 17.4130,
15.7287

■ 35.3642, 18.2875,
19.4044

■ 36.7857, 19.9028,
23.6629

■ 38.7665, 22.4881,
28.5662

■ 41.3746, 26.1747,
34.1515

■ 44.6679, 31.0735,
40.4521

■ 48.6968, 37.2815,
47.4982

■ 53.5072, 44.8860,
55.3180

■ 59.1409, 53.9664,
63.9378

■ 65.6365, 64.5963,
73.3824

Harmonies

Analogous

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



32.4091, 17.4136, 40.9700



34.3853, 17.4136, 15.7362



30.5723, 17.4136, 4.1539

Triad

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



34.3853, 17.4136, 15.7362



9.8497, 17.4136, 1.5347



11.3899, 17.4136, 81.7604

Complementary

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



34.3853, 17.4136, 15.7362



30.8024, 56.2714, 26.7068

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.



7.6457, 17.4136, 51.7117



34.3853, 17.4136, 15.7362



6.9528, 17.4136, 6.7055

Square

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



34.3853, 17.4136, 15.7362



15.3833, 17.4136, 0.4920



6.2814, 17.4136, 22.5975



17.7766, 17.4136, 91.5160

Rectangle

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



34.3853, 17.4136, 15.7362



25.7643, 17.4136, 1.5363



6.2814, 17.4136, 22.5975



9.8468, 17.4136, 72.9943

Sweetspot

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



34.3857, 17.4147, 15.7365



69.5114, 58.2006, 71.7844



21.2432, 9.3504, 73.3579



14.2842, 11.5129, 14.4154



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.



34.3857, 17.4147, 15.7365



44.7091, 22.6476, 20.1981



31.7203, 16.4142, 1.4979



14.6610, 14.4816, 16.4153



20.1109, 10.1786, 9.4791



1.5328, 0.7708, 0.9463

Inverse Universe

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



34.3857, 17.4147, 15.7365



44.7091, 22.6476, 20.1981



40.3114, 58.4378, 81.8277



14.6610, 14.4816, 16.4153



20.1109, 10.1786, 9.4791



1.5328, 0.7708, 0.9463

Previews

White Background



This preview shows how the XYZ color 34.3853, 17.4136, 15.7362 looks on a white background.

Color Contrast Check

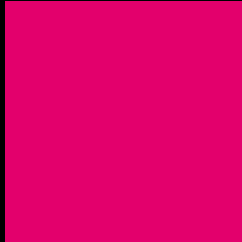
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3853, 17.4136, 15.7362 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 34.3853, 17.4136, 15.7362

Background



This preview shows how black text looks on a background with the XYZ color 34.3853, 17.4136, 15.7362.

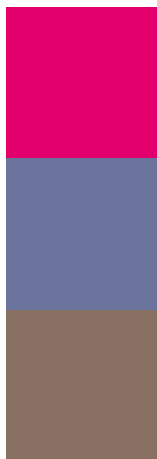


This preview shows how white text looks on a background with the XYZ color 34.3853, 17.4136,

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

34.3853, 17.4136, 15.7362

Protanopia

18.3095, 18.0169, 33.9651

Deuteranopia

18.3106, 17.9453, 14.3031



Tritanopia

32.0404, 17.7495, 4.0228

Trichromacy



Original Color

34.3853, 17.4136, 15.7362



Protanomaly

19.8715, 13.3409, 25.9538



Deuteranomaly

21.0778, 14.0291, 14.1673



Tritanomaly

32.4564, 17.1967, 6.9188

Monochromacy



Original Color

34.3853, 17.4136, 15.7362



Achromatopsia

7.6249, 8.0220, 8.7359



Achromatomaly

12.7022, 8.0924, 10.5654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3853, 17.4136, 15.7362 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(227, 0, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 108)  
}
```

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(227, 0, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 108) }
```

Border

The CSS property to change the border of an element to XYZ 34.3853, 17.4136, 15.7362 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(227, 0, 108) }
```


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

```
.border{ border-color:rgb(227, 0, 108) }
```

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

Here you see how a box with a 4 pixel rgb(227, 0, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 108);  
box-shadow:4px 4px 4px 4px rgb(227, 0,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3853, 17.4136, 15.7362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 108) }
```

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

```
.background{ background-color: rgb(227, 0,  
108) }
```

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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