

Converting Colors

XYZ(36.1741, 18.0351, 29.4040)

Have a look what the booklet for
XYZ(36.1741, 18.0351, 29.4040)
contains.

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Color

**XYZ(36.0858, 17.9854,
29.5866)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E00094 |
| RGB | 224, 0, 148 |
| RGB Percent | 88%, 0%, 58% |
| CMY | 0.1216, 0.9998, 0.4196 |
| CMYK | 0.00, 1.00, 0.34, 0.12 |
| HSL | 320°, 100%, 44% |
| HSV | 320°, 100%, 88% |
| XYZ | 36.0858, 17.9854, 29.5866 |
| YIQ | 83.8480, 85.9960, 93.5160 |

Conversions

Conversions Part 2

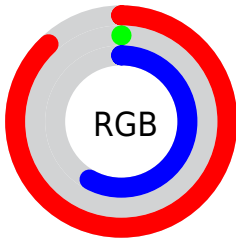
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 224, 0, 148 |
| Decimal | 14680212 |
| CIELab | 49.48, 79.82, -16.65 |
| CIELCh | 49, 81.534, 348.219 |
| Yxy | 17.9854, 0.4314, 0.2150 |
| Android (android.graphics.Color) | 4292870292 (0xFFE00094) |
| YUV | 83.8480, 31.6269, 122.9133 |
| Hunter-Lab | 42.4092, 77.6688, -11.6770 |

Details

The XYZ color **36.0858, 17.9854, 29.5866** 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 **27.9623, 53.8341, 15.7627**, and the grayscale version is **8.3251, 8.7587, 9.5382**.

A 20% lighter version of the original color is **55.9034, 33.5297, 59.4026**, and **17.2619, 8.6496, 12.0690** is the 20% darker color. If you saturate the color by 10%, you get **36.0847, 17.9850, 29.5806**, and if you desaturate by 10%, it is **37.0031, 18.8251, 32.9593**.

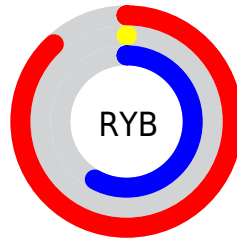
Distribution



Red (88%)

Green (0%)

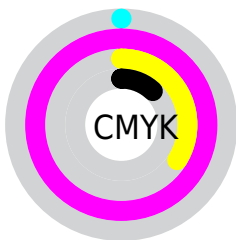
Blue (58%)



Red (88%)

Yellow (0%)

Blue (58%)

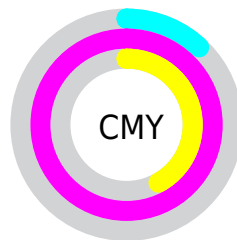


Cyan (0%)

Magenta (100%)

Yellow (34%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0858, 17.9854, 29.5866 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 36.0858, 17.9854, 29.5866 by changing the saturation by 10% instead.

 36.0858, 17.9854,
29.5866


 36.0858, 17.9854,
29.5866


320.7601,
240.7887, 314.1198

 24.6709, 10.9395,
19.2756


 68.4875, 40.0124,
60.0611

 15.9594, 6.0262,
11.6908


 90.2050, 55.7624,
81.0616


 9.5861, 2.8610,
6.4135


 116.0873, 75.1825,
106.4625

 5.1856, 1.0596,
3.0253

 146.5000, 98.6571,
136.6821

 2.3924, 0.0000,
1.1076

 181.8082,
126.5706, 172.1392

 0.8413, 0.0000,
0.0000

 222.3774,

 0.0000, 0.0000,

159.3075, 213.2521

0.0000

268.5729,
197.2521, 260.4395

■ 36.0858, 17.9854,
29.5866

■ 36.0858, 17.9854,
29.5866

■ 36.0847, 17.9850,
29.5806

■ 37.0031, 18.8251,
32.9593

■ 38.3021, 20.3638,
36.6578

■ 40.0943, 22.8235,
40.7228

■ 42.4435, 26.3304,
45.1789

■ 45.4033, 30.9908,
50.0475

■ 49.0209, 36.8980,
55.3475

■ 53.3385, 44.1354,
61.0961

■ 58.3949, 52.7795,
67.3094

■ 64.2258, 62.9008,
74.0024

Harmonies

Analogous

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



30.6929, 17.9854, 63.6396



36.0858, 17.9854, 29.5866



35.3819, 17.9854, 9.0876

Triad

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



36.0858, 17.9854, 29.5866



12.8685, 17.9854, 0.5496



9.0015, 17.9854, 71.3208

Complementary

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



36.0858, 17.9854, 29.5866



27.9623, 53.8341, 15.7627

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.



6.5304, 17.9854, 36.0690



36.0858, 17.9854, 29.5866



8.2560, 17.9854, 2.7344

Square

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



36.0858, 17.9854, 29.5866



20.3015, 17.9854, 0.3839



6.3063, 17.9854, 12.1345



14.2445, 17.9854, 97.4053

Rectangle

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



36.0858, 17.9854, 29.5866



31.5759, 17.9854, 3.3152



6.3063, 17.9854, 12.1345



7.8969, 17.9854, 59.3080

Sweetspot

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



36.0863, 17.9864, 29.5869



71.4085, 58.9595, 81.7745



16.3330, 6.8664, 70.9857



14.7347, 11.6931, 16.7874



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.



36.0863, 17.9864, 29.5869



48.3513, 24.1045, 39.3778



31.0808, 15.9842, 3.2280



14.0870, 13.8524, 16.2284



21.0596, 10.4909, 17.5116



1.5011, 0.7437, 1.4315

Inverse Universe

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



36.0863, 17.9864, 29.5869



48.3513, 24.1045, 39.3778



35.5911, 56.8856, 55.9352



14.0870, 13.8524, 16.2284



21.0596, 10.4909, 17.5116



1.5011, 0.7437, 1.4315

Previews

White Background



This preview shows how the XYZ color 36.0858, 17.9854, 29.5866 looks on a white background.

Color Contrast Check

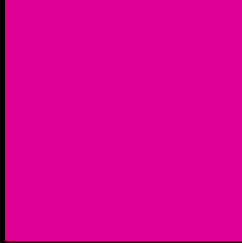
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0858, 17.9854, 29.5866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

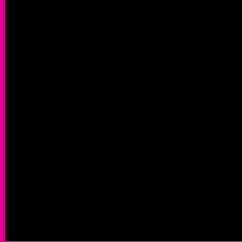
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.0858, 17.9854, 29.5866

Background



This preview shows how black text looks on a background with the XYZ color 36.0858, 17.9854, 29.5866.



This preview shows how white text looks on a background with the XYZ color 36.0858, 17.9854,

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

36.0858, 17.9854, 29.5866

Protanopia

21.0307, 18.7401, 64.7961

Deuteranopia

18.8589, 18.4633, 26.6146



Tritanopia

31.2688, 18.2685, 6.2930

Trichromacy



Original Color

36.0858, 17.9854, 29.5866



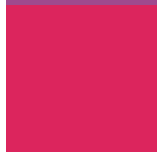
Protanomaly

20.6873, 13.2388, 49.6091



Deuteranomaly

21.6293, 14.2215, 27.1962



Tritanomaly

32.1526, 17.3291, 12.0061

Monochromacy



Original Color

36.0858, 17.9854, 29.5866



Achromatopsia

8.4267, 8.8656, 9.6546



Achromatomaly

13.9186, 8.7586, 14.8669

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0858, 17.9854, 29.5866 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(224, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 0, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.0858, 17.9854, 29.5866 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(224, 0, 148) }
```


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

```
.border{ border-color:rgb(224, 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(224, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(224, 0,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0858, 17.9854, 29.5866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 0, 148) }
```

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

```
.background{ background-color: rgb(224, 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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