

Converting Colors

$Yxy(19.0275, 0.3463, 0.1714)$

Have a look what the booklet for
Yxy(19.0275, 0.3463, 0.1714)
contains.

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Color

Yxy(19.0048, 0.3470, 0.1717)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D813C3 |
| RGB | 216, 19, 195 |
| RGB Percent | 85%, 7%, 76% |
| CMY | 0.1528, 0.9259, 0.2353 |
| CMYK | 0.00, 0.91, 0.10, 0.15 |
| HSL | 306°, 84%, 46% |
| HSV | 306°, 91%, 85% |
| XYZ | 38.4081, 19.0048, 53.2732 |
| YIQ | 97.9670, 60.9160, 96.5000 |

Conversions

Conversions Part 2

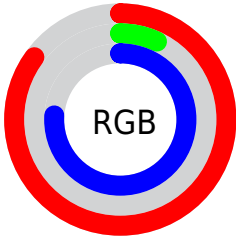
| Format | Color |
|-------------------------------------|--|
| RYB | 216, 19, 195 |
| Decimal | 14160835 |
| CIELab | 50.69, 82.19, -42.61 |
| CIElCh | 51, 92.576, 332.596 |
| Yxy | 19.0048, 0.3470, 0.1717 |
| Android (android.graphics.Color) | 4292350915 (0xFFD813C3) |
| YUV | 97.9670, 47.8373, 103.5149 |
| Hunter-Lab | 43.5945, 80.9735, -41.9372 |

Details

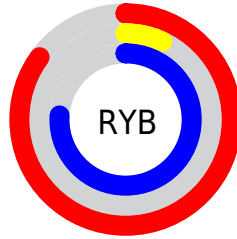
The Yxy color **19.0048, 0.3470, 0.1717** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **49.4165, 0.2972, 0.5825**, and the grayscale version is **12.0599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.2120, 0.3221, 0.1894**, and **8.9910, 0.3463, 0.1682** is the 20% darker color. If you saturate the color by 10%, you get **18.4528, 0.3501, 0.1702**, and if you desaturate by 10%, it is **20.2001, 0.3432, 0.1768**.

Distribution



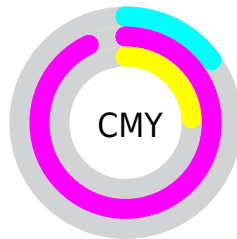
- Red (85%)
- Green (7%)
- Blue (76%)



- Red (85%)
- Yellow (7%)
- Blue (76%)



- Cyan (0%)
- Magenta (91%)
- Yellow (10%)
- Black (15%)




- Cyan (15%)
- Magenta (93%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0048, 0.3470, 0.1717 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 Yxy color 19.0048, 0.3470, 0.1717 by changing the saturation by 10% instead.


 19.0048, 0.3470,
0.1717


 19.0048, 0.3470,
0.1717


246.4753, 0.3328,
0.2481


 11.6737, 0.3494,
0.1540


 41.7422, 0.3426,
0.1986


 6.5219, 0.3517,
0.1325


 57.9174, 0.3408,
0.2089


 3.1650, 0.3534,
0.1059


 77.8093, 0.3391,
0.2178

 1.2185, 0.3530,
0.0737

 101.8025, 0.3375,
0.2255

 0.0767, 0.3564,
0.0098

 130.2813, 0.3362,
0.2322

 0.0000, 0.3251,
0.0000

 163.6301, 0.3349,

 0.0000, 0.0000,

0.2382

0.0000

202.2333, 0.3338,
0.2434

■ 19.0048, 0.3470,
0.1717

■ 19.0048, 0.3470,
0.1717

■ 18.4528, 0.3501,
0.1702

■ 20.2001, 0.3432,
0.1768

■ 22.2118, 0.3392,
0.1863

■ 25.1589, 0.3350,
0.2001

■ 29.1400, 0.3308,
0.2174

■ 34.2414, 0.3267,
0.2375

■ 40.5404, 0.3228,
0.2592

■ 48.1073, 0.3192,
0.2818

■ 57.0070, 0.3159,
0.3043

■ 67.3000, 0.3131,
0.3263

Harmonies

Analogous

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



19.0048, 0.1999, 0.1302



19.0048, 0.3470, 0.1717



19.0048, 0.5265, 0.2399

Triad

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



19.0048, 0.3470, 0.1717



19.0048, 0.4763, 0.5237



19.0048, 0.0804, 0.2185

Complementary

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



19.0048, 0.3470, 0.1717



49.4165, 0.2972, 0.5825

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.



19.0048, 0.1182, 0.3986



19.0048, 0.3470, 0.1717



19.0048, 0.3415, 0.6364

Square

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



19.0048, 0.3470, 0.1717



19.0048, 0.5854, 0.4068



19.0048, 0.2140, 0.6182



19.0048, 0.0830, 0.1413

Rectangle

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



19.0048, 0.3470, 0.1717



19.0048, 0.6043, 0.2912



19.0048, 0.2140, 0.6182



19.0048, 0.0874, 0.2650

Sweetspot

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



19.0057, 0.3470, 0.1717



63.1970, 0.3213, 0.2682



5.8455, 0.1588, 0.0690



12.7522, 0.3226, 0.2604



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.0057, 0.3470, 0.1717



26.8502, 0.3504, 0.1704



15.9428, 0.5156, 0.2673



12.6088, 0.3154, 0.3084



10.9286, 0.3496, 0.1699



0.6659, 0.3440, 0.1669

Inverse Universe

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



19.0057, 0.3470, 0.1717



26.8502, 0.3504, 0.1704



51.0750, 0.2610, 0.4541



12.6088, 0.3154, 0.3084



10.9286, 0.3496, 0.1699



0.6659, 0.3440, 0.1669

Previews

White Background



This preview shows how the Yxy color 19.0048, 0.3470, 0.1717 looks on a white background.

Color Contrast Check

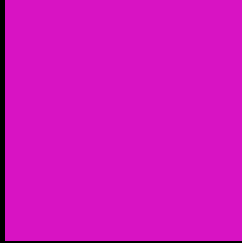
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 19.0048, 0.3470, 0.1717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

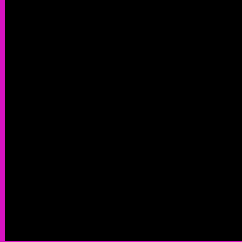
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0048, 0.3470, 0.1717

Background



This preview shows how black text looks on a background with the Yxy color 19.0048, 0.3470, 0.1717.



This preview shows how white text looks on a background with the Yxy color 19.0048, 0.3470, 0.1717.

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

19.0048, 0.3470, 0.1717

Protanopia

19.5621, 0.1735, 0.1447

Deuteranopia

19.4208, 0.2292, 0.2237



Tritanopia

19.0524, 0.5009, 0.3239

Trichromacy



Original Color

19.0048, 0.3470, 0.1717



Protanomaly

13.2043, 0.1861, 0.1210



Deuteranomaly

15.3318, 0.2608, 0.1768



Tritanomaly

17.9368, 0.4472, 0.2555

Monochromacy



Original Color

19.0048, 0.3470, 0.1717



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

11.6124, 0.3306, 0.2213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0048, 0.3470, 0.1717 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(216, 19, 195)` looks like.

```
.text, #text, p{  
    color:rgb(216, 19, 195)  
}
```

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(216, 19, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 19, 195) }
```

Border

The CSS property to change the border of an element to Yxy 19.0048, 0.3470, 0.1717 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(216, 19, 195) }
```

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

```
.border{ border-color:rgb(216, 19, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 19, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 19, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 19, 195); box-shadow:4px 4px 4px 4px rgb(216, 19, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0048, 0.3470, 0.1717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 19, 195) }
```

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

```
.background{ background-color: rgb(216, 19,  
195) }
```

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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