

Converting Colors

$Y_{xy}(17.4597, 0.3591, 0.1830)$

Have a look what the booklet for
Yxy(17.4597, 0.3591, 0.1830)
contains.

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Color

Yxy(17.4597, 0.3591, 0.1830)

Conversions

Conversions Part 1

Format	Color
Hex	CF1FB2
RGB	207, 31, 178
RGB Percent	81%, 12%, 70%
CMY	0.1882, 0.8785, 0.3019
CMYK	0.00, 0.85, 0.14, 0.19
HSL	310°, 74%, 47%
HSV	310°, 85%, 81%
XYZ	34.2611, 17.4597, 43.6874
YIQ	100.3820, 57.7090, 83.0290

Conversions

Conversions Part 2

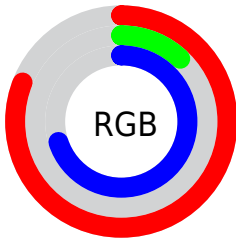
Format	Color
R_{YB}	207, 31, 178
Decimal	13574066
CIE _{Lab}	48.83, 76.38, -35.73
CIE _{LCh}	49, 84.328, 334.932
Yxy	17.4597, 0.3591, 0.1830
Android (android.graphics.Color)	4291764146 (0xFFCF1FB2)
YUV	100.3820, 38.2657, 93.5040
Hunter-Lab	41.7848, 73.2361, -32.7403

Details

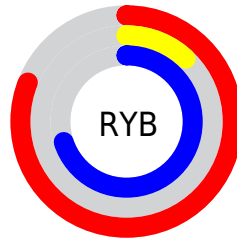
The Yxy color **17.4597, 0.3591, 0.1830** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **45.2489, 0.2936, 0.5607**, and the grayscale version is **12.7330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5079, 0.3395, 0.2040**, and **7.7766, 0.3637, 0.1777** is the 20% darker color. If you saturate the color by 10%, you get **16.5696, 0.3650, 0.1803**, and if you desaturate by 10%, it is **19.0478, 0.3528, 0.1902**.

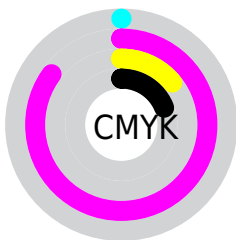
Distribution



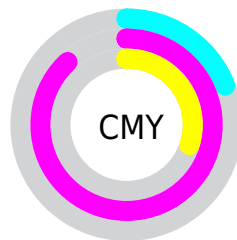
- Red (81%)
- Green (12%)
- Blue (70%)



- Red (81%)
- Yellow (12%)
- Blue (70%)



- Cyan (0%)
- Magenta (85%)
- Yellow (14%)
- Black (19%)



- Cyan (19%)
- Magenta (88%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4597, 0.3591, 0.1830 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 17.4597, 0.3591, 0.1830 by changing the saturation by 10% instead.


 17.4597, 0.3591,
0.1830


 17.4597, 0.3591,
0.1830


237.8077, 0.3371,
0.2562


 10.5628, 0.3639,
0.1653


 39.1145, 0.3515,
0.2093


 5.7737, 0.3696,
0.1431


 54.6411, 0.3486,
0.2193


 2.7079, 0.3760,
0.1152


 73.8132, 0.3460,
0.2278

 0.9812, 0.3825,
0.0800

 97.0150, 0.3437,
0.2351

 0.0000, 0.4012,
0.0000

 124.6309, 0.3418,
0.2415

 0.0000, 0.3720,
0.0000

 157.0455, 0.3400,

 0.0000, 0.0000,

0.2470

0.0000

194.6429, 0.3385,
0.2519

■ 17.4597, 0.3591,
0.1830

■ 17.4597, 0.3591,
0.1830

■ 16.5696, 0.3650,
0.1803

■ 19.0478, 0.3528,
0.1902

■ 16.2807, 0.3679,
0.1800

■ 21.4465, 0.3465,
0.2018

■ 24.7510, 0.3401,
0.2172

■ 29.0427, 0.3340,
0.2355

■ 34.3938, 0.3284,
0.2556

■ 40.8699, 0.3232,
0.2767

■ 48.5312, 0.3186,
0.2980

■ 57.4337, 0.3145,
0.3188

■ 67.6297, 0.3110,
0.3388

Harmonies

Analogous

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



17.4597, 0.2145, 0.1399



17.4597, 0.3591, 0.1830



17.4597, 0.5252, 0.2511

Triad

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



17.4597, 0.3591, 0.1830



17.4597, 0.4675, 0.5322



17.4597, 0.0880, 0.2173

Complementary

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



17.4597, 0.3591, 0.1830



45.2489, 0.2936, 0.5607

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.



17.4597, 0.1232, 0.3788



17.4597, 0.3591, 0.1830



17.4597, 0.3366, 0.6256

Square

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



17.4597, 0.3591, 0.1830



17.4597, 0.5694, 0.4176



17.4597, 0.2136, 0.5856



17.4597, 0.0924, 0.1465

Rectangle

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



17.4597, 0.3591, 0.1830



17.4597, 0.5934, 0.3022



17.4597, 0.2136, 0.5856



17.4597, 0.0944, 0.2593

Sweetspot

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



17.4606, 0.3591, 0.1830



64.0625, 0.3238, 0.2740



6.3654, 0.1696, 0.0802



12.9060, 0.3256, 0.2666



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.



17.4606, 0.3591, 0.1830



26.0633, 0.3686, 0.1804



15.0290, 0.5135, 0.2738



11.9742, 0.3163, 0.3098



10.2681, 0.3672, 0.1796



0.5833, 0.3573, 0.1742

Inverse Universe

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



17.4606, 0.3591, 0.1830



26.0633, 0.3686, 0.1804



46.9796, 0.2558, 0.4289



11.9742, 0.3163, 0.3098



10.2681, 0.3672, 0.1796



0.5833, 0.3573, 0.1742

Previews

White Background



This preview shows how the Yxy color 17.4597, 0.3591, 0.1830 looks on a white background.

Color Contrast Check

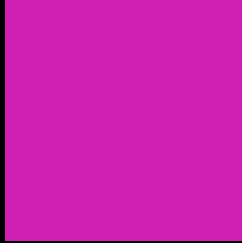
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.4597, 0.3591, 0.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

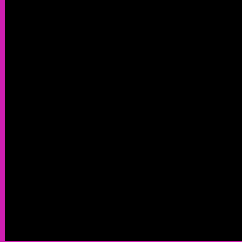
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.4597, 0.3591, 0.1830

Background



This preview shows how black text looks on a background with the Yxy color 17.4597, 0.3591, 0.1830.

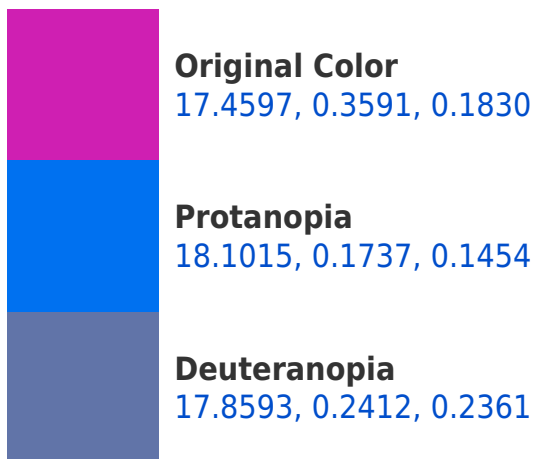


This preview shows how white text looks on a background with the Yxy color 17.4597, 0.3591, 0.1830.

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





Tritanopia

17.4678, 0.5032, 0.3238

Trichromacy



Original Color

17.4597, 0.3591, 0.1830



Protanomaly

12.6921, 0.1883, 0.1291



Deuteranomaly

14.7939, 0.2744, 0.1932



Tritanomaly

16.6814, 0.4533, 0.2635

Monochromacy



Original Color

17.4597, 0.3591, 0.1830



Achromatopsia

12.7438, 0.3127, 0.3290



Achromatomaly

12.0796, 0.3345, 0.2369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4597, 0.3591, 0.1830 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(207, 31, 178)` looks like.

```
.text, #text, p{  
    color:rgb(207, 31, 178)  
}
```

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(207, 31, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 31, 178) }
```

Border

The CSS property to change the border of an element to Yxy 17.4597, 0.3591, 0.1830 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(207, 31, 178) }
```

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

```
.border{ border-color:rgb(207, 31, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 31, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 31, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 31, 178);  
box-shadow:4px 4px 4px 4px rgb(207, 31,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4597, 0.3591, 0.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 31, 178) }
```

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

```
.background{ background-color: rgb(207, 31,  
178) }
```

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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