

Converting Colors

$Yxy(11.9884, 0.3801, 0.1867)$

Have a look what the booklet for
Yxy(11.9884, 0.3801, 0.1867)
contains.

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Color

Yxy(11.9894, 0.3801, 0.1867)

Conversions

Conversions Part 1

Format	Color
Hex	B60091
RGB	182, 0, 145
RGB Percent	71%, 0%, 57%
CMY	0.2861, 1.0000, 0.4313
CMYK	0.00, 1.00, 0.20, 0.29
HSL	312°, 100%, 36%
HSV	312°, 100%, 71%
XYZ	24.4091, 11.9894, 27.8190
YIQ	70.9480, 61.9270, 83.6790

Conversions

Conversions Part 2

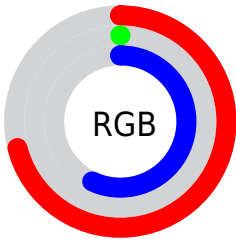
Format	Color
RYB	182, 0, 145
Decimal	11927697
CIELab	41.20, 71.27, -28.29
CIELCh	41, 76.676, 338.349
Yxy	11.9894, 0.3801, 0.1867
Android (android.graphics.Color)	4290117777 (0xFFB60091)
YUV	70.9480, 36.5076, 97.3926
Hunter-Lab	34.6257, 65.2368, -23.3968

Details

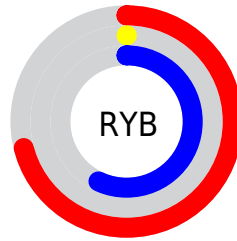
The Yxy color **11.9894, 0.3801, 0.1867** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **33.6046, 0.2942, 0.5793**, and the grayscale version is **6.2234, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4978, 0.3669, 0.2157**, and **5.0932, 0.3906, 0.1925** is the 20% darker color. If you saturate the color by 10%, you get **11.9941, 0.3801, 0.1868**, and if you desaturate by 10%, it is **12.5495, 0.3726, 0.1876**.

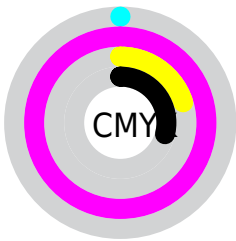
Distribution



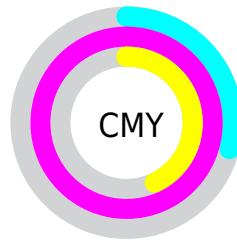
- Red (71%)
- Green (0%)
- Blue (57%)



- Red (71%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (29%)




- Cyan (29%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.9894, 0.3801, 0.1867 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 11.9894, 0.3801, 0.1867 by changing the saturation by 10% instead.


 11.9894, 0.3801,
0.1867


 11.9894, 0.3801,
0.1867


204.3351, 0.3439,
0.2629


 6.7365, 0.3897,
0.1665


 29.4758, 0.3665,
0.2154


 3.2978, 0.4022,
0.1404


 42.4780, 0.3615,
0.2259


 1.2891, 0.4186,
0.1060

 58.8322, 0.3573,
0.2347

 0.1328, 0.4567,
0.0259

 78.9226, 0.3538,
0.2421

 0.0000, 0.4702,
0.0000

 103.1337, 0.3508,
0.2484

 0.0000, 0.0000,
0.0000

 131.8499, 0.3482,

0.2539

165.4556, 0.3459,
0.2587

■ 11.9894, 0.3801,
0.1867

■ 11.9894, 0.3801,
0.1867

■ 11.9941, 0.3801,
0.1868

■ 12.5495, 0.3726,
0.1876

■ 13.5167, 0.3648,
0.1923

■ 15.0494, 0.3568,
0.2014

■ 17.2221, 0.3489,
0.2146

■ 20.0979, 0.3414,
0.2310

■ 23.7326, 0.3343,
0.2496

■ 28.1760, 0.3278,
0.2694

■ 33.4738, 0.3221,
0.2897

■ 39.6685, 0.3171,
0.3097

Harmonies

Analogous

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



11.9894, 0.2255, 0.1398



11.9894, 0.3801, 0.1867



11.9894, 0.5470, 0.2574

Triad

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



11.9894, 0.3801, 0.1867



11.9894, 0.4528, 0.5472



11.9894, 0.0829, 0.2017

Complementary

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



11.9894, 0.3801, 0.1867



33.6046, 0.2942, 0.5793

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.



11.9894, 0.1120, 0.3551



11.9894, 0.3801, 0.1867



11.9894, 0.3196, 0.6397

Square

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



11.9894, 0.3801, 0.1867



11.9894, 0.5683, 0.4317



11.9894, 0.1967, 0.5759



11.9894, 0.0913, 0.1384

Rectangle

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



11.9894, 0.3801, 0.1867



11.9894, 0.6067, 0.3089



11.9894, 0.1967, 0.5759



11.9894, 0.0876, 0.2404

Sweetspot

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



11.9941, 0.3801, 0.1868



50.6150, 0.3282, 0.2684



3.7614, 0.1599, 0.0655



10.3981, 0.3308, 0.2600



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



11.9941, 0.3801, 0.1868



21.7006, 0.3812, 0.1874



10.2217, 0.5760, 0.2947



9.1306, 0.3168, 0.3110



8.4761, 0.3793, 0.1863



0.3068, 0.3616, 0.1766

Inverse Universe

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



11.9941, 0.3801, 0.1868



21.7006, 0.3812, 0.1874



35.0143, 0.2527, 0.4296



9.1306, 0.3168, 0.3110



8.4761, 0.3793, 0.1863



0.3068, 0.3616, 0.1766

Previews

White Background



This preview shows how the Yxy color 11.9894, 0.3801, 0.1867 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 11.9894, 0.3801, 0.1867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

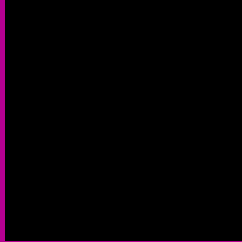
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9894, 0.3801, 0.1867

Background



This preview shows how black text looks on a background with the Yxy color 11.9894, 0.3801, 0.1867.



This preview shows how white text looks on a background with the Yxy color 11.9894, 0.3801, 0.1867.

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

11.9894, 0.3801, 0.1867

Protanopia

12.7735, 0.1739, 0.1462

Deuteranopia

12.6368, 0.2555, 0.2496



Tritanopia

12.3665, 0.5261, 0.3260

Trichromacy



Original Color

11.9894, 0.3801, 0.1867



Protanomaly

7.9146, 0.1887, 0.1198



Deuteranomaly

9.5203, 0.2936, 0.1921



Tritanomaly

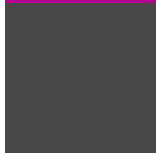
11.4821, 0.4814, 0.2647

Monochromacy



Original Color

11.9894, 0.3801, 0.1867



Achromatopsia

6.3010, 0.3127, 0.3290



Achromatomaly

6.1381, 0.3456, 0.2187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9894, 0.3801, 0.1867 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(182, 0, 145)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 145)  
}
```

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(182, 0, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 145) }
```

Border

The CSS property to change the border of an element to Yxy 11.9894, 0.3801, 0.1867 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(182, 0, 145) }
```

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

```
.border{ border-color:rgb(182, 0, 145) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9894, 0.3801, 0.1867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 145) }
```

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

```
.background{ background-color: rgb(182, 0,  
145) }
```

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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