

Converting Colors

$Yxy(8.5871, 0.3977, 0.1529)$

Have a look what the booklet for
Yxy(8.5871, 0.3977, 0.1529)
contains.

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Color

Yxy(11.8385, 0.3894, 0.1919)

Conversions

Conversions Part 1

Format	Color
Hex	B6008C
RGB	182, 0, 140
RGB Percent	71%, 0%, 55%
CMY	0.2863, 0.9996, 0.4510
CMYK	0.00, 1.00, 0.23, 0.29
HSL	314°, 100%, 36%
HSV	314°, 100%, 71%
XYZ	24.0225, 11.8385, 25.8300
YIQ	70.3780, 63.5320, 82.1240

Conversions

Conversions Part 2

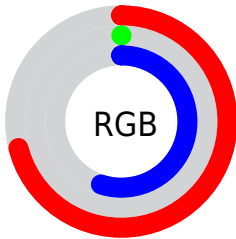
Format	Color
RYB	182, 0, 140
Decimal	11927692
CIELab	40.96, 70.62, -25.60
CIElCh	41, 75.117, 340.070
Yxy	11.8385, 0.3894, 0.1919
Android (android.graphics.Color)	4290117772 (0xFFB6008C)
YUV	70.3780, 34.3236, 97.8925
Hunter-Lab	34.4071, 64.4132, -20.4250

Details

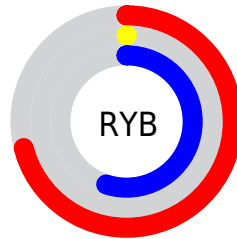
The Yxy color **11.8385, 0.3894, 0.1919** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **33.6186, 0.2928, 0.5742**, and the grayscale version is **6.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2693, 0.3731, 0.2202**, and **5.0233, 0.4017, 0.1986** is the 20% darker color. If you saturate the color by 10%, you get **11.8361, 0.3895, 0.1919**, and if you desaturate by 10%, it is **12.4057, 0.3806, 0.1922**.

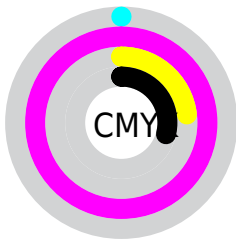
Distribution



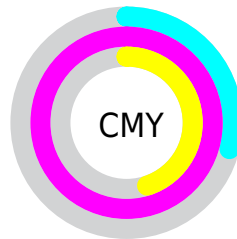
- Red (71%)
- Green (0%)
- Blue (55%)



- Red (71%)
- Yellow (0%)
- Blue (55%)



- Cyan (0%)
- Magenta (100%)
- Yellow (23%)
- Black (29%)





- Cyan (29%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8385, 0.3894, 0.1919 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 11.8385, 0.3894, 0.1919 by changing the saturation by 10% instead.


 11.8385, 0.3894,
0.1919


 11.8385, 0.3894,
0.1919


 203.3332, 0.3472,
0.2661

 6.6338, 0.4011,
0.1719


 29.2006, 0.3732,
0.2200


 3.2342, 0.4167,
0.1458


 42.1268, 0.3673,
0.2303


 1.2552, 0.4383,
0.1110

 58.3957, 0.3625,
0.2388

 0.1061, 0.4898,
0.0230

 78.3916, 0.3585,
0.2460

 0.0000, 0.5245,
0.0000

 102.4988, 0.3550,
0.2521

 0.0000, 0.0000,
0.0000

 131.1019, 0.3521,

0.2574

164.5853, 0.3495,
0.2620

■ 11.8385, 0.3894,
0.1919

■ 11.8385, 0.3894,
0.1919

■ 11.8361, 0.3895,
0.1919

■ 12.4057, 0.3806,
0.1922

■ 13.3867, 0.3715,
0.1965

■ 14.9344, 0.3623,
0.2053

■ 17.1231, 0.3532,
0.2181

■ 20.0159, 0.3446,
0.2341

■ 23.6685, 0.3366,
0.2522

■ 28.1306, 0.3294,
0.2714

■ 33.4480, 0.3230,
0.2911

■ 39.6629, 0.3175,
0.3104

Harmonies

Analogous

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



11.8385, 0.2339, 0.1435



11.8385, 0.3894, 0.1919



11.8385, 0.5508, 0.2630

Triad

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



11.8385, 0.3894, 0.1919



11.8385, 0.4463, 0.5537



11.8385, 0.0846, 0.1982

Complementary

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



11.8385, 0.3894, 0.1919



33.6186, 0.2928, 0.5742

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.



11.8385, 0.1114, 0.3435



11.8385, 0.3894, 0.1919



11.8385, 0.3136, 0.6370

Square

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



11.8385, 0.3894, 0.1919



11.8385, 0.5614, 0.4386



11.8385, 0.1926, 0.5607



11.8385, 0.0947, 0.1386

Rectangle

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



11.8385, 0.3894, 0.1919



11.8385, 0.6050, 0.3146



11.8385, 0.1926, 0.5607



11.8385, 0.0887, 0.2348

Sweetspot

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



11.8391, 0.3894, 0.1919



50.5105, 0.3298, 0.2703



3.8206, 0.1614, 0.0663



10.3722, 0.3328, 0.2621



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.



11.8391, 0.3894, 0.1919



21.4246, 0.3908, 0.1927



10.1904, 0.5816, 0.2978



9.1263, 0.3172, 0.3116



8.3705, 0.3885, 0.1914



0.3039, 0.3678, 0.1800

Inverse Universe

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



11.8391, 0.3894, 0.1919



21.4246, 0.3908, 0.1927



35.0747, 0.2510, 0.4235



9.1263, 0.3172, 0.3116



8.3705, 0.3885, 0.1914



0.3039, 0.3678, 0.1800

Previews

White Background



This preview shows how the Yxy color 11.8385, 0.3894, 0.1919 looks on a white background.

Color Contrast Check

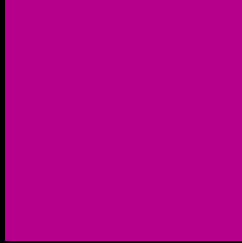
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8385, 0.3894, 0.1919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

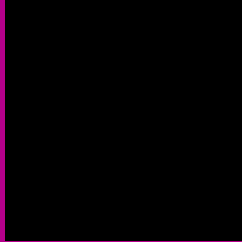
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8385, 0.3894, 0.1919

Background



This preview shows how black text looks on a background with the Yxy color 11.8385, 0.3894, 0.1919.



This preview shows how white text looks on a background with the Yxy color 11.8385, 0.3894, 0.1919.

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

11.8385, 0.3894, 0.1919

Protanopia

12.7361, 0.1795, 0.1527

Deuteranopia

12.4122, 0.2627, 0.2570



Tritanopia

12.2680, 0.5326, 0.3261

Trichromacy



Original Color

11.8385, 0.3894, 0.1919



Protanomaly

8.4367, 0.2061, 0.1301



Deuteranomaly

9.4516, 0.3024, 0.1993



Tritanomaly

11.3716, 0.4884, 0.2680

Monochromacy



Original Color

11.8385, 0.3894, 0.1919



Achromatopsia

6.1246, 0.3127, 0.3290



Achromatomaly

6.0825, 0.3522, 0.2241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8385, 0.3894, 0.1919 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 140) }
```

Border

The CSS property to change the border of an element to Yxy 11.8385, 0.3894, 0.1919 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, 140) }
```

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

```
.border{ border-color:rgb(182, 0, 140) }
```

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, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8385, 0.3894, 0.1919 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, 140) }
```

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

```
.background{ background-color: rgb(182, 0,  
140) }
```

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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