

Converting Colors

$Yxy(5.9913, 0.4217, 0.1269)$

Have a look what the booklet for
Yxy(5.9913, 0.4217, 0.1269)
contains.

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Color

Yxy(11.0767, 0.4031, 0.1994)

Conversions

Conversions Part 1

Format	Color
Hex	B20082
RGB	178, 0, 130
RGB Percent	70%, 0%, 51%
CMY	0.3019, 1.0000, 0.4901
CMYK	0.00, 1.00, 0.27, 0.30
HSL	316°, 100%, 35%
HSV	316°, 100%, 70%
XYZ	22.3923, 11.0767, 22.0812
YIQ	68.0420, 64.3580, 78.1660

Conversions

Conversions Part 2

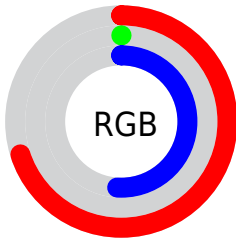
Format	Color
R_YB	178, 0, 130
Decimal	11665538
CIE _{Lab}	39.71, 68.68, -21.45
CIE _{LCh}	40, 71.955, 342.654
Yxy	11.0767, 0.4031, 0.1994
Android (android.graphics.Color)	4289855618 (0xFFB20082)
YUV	68.0420, 30.5453, 96.4332
Hunter-Lab	33.2817, 61.8538, -16.0396

Details

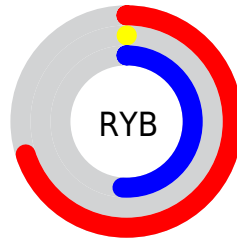
The Yxy color **11.0767, 0.4031, 0.1994** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **32.0595, 0.2906, 0.5661**, and the grayscale version is **5.7308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7826, 0.3833, 0.2270**, and **4.5723, 0.4226, 0.2102** is the 20% darker color. If you saturate the color by 10%, you get **11.0786, 0.4031, 0.1994**, and if you desaturate by 10%, it is **11.6368, 0.3923, 0.1990**.

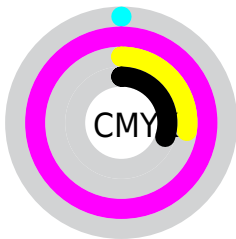
Distribution



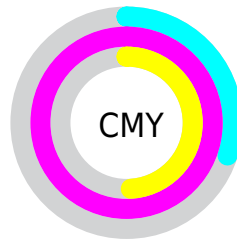
- Red (70%)
- Green (0%)
- Blue (51%)



- Red (70%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (30%)




- Cyan (30%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0767, 0.4031, 0.1994 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 11.0767, 0.4031, 0.1994 by changing the saturation by 10% instead.


 11.0767, 0.4031,
0.1994


 11.0767, 0.4031,
0.1994


198.1930, 0.3517,
0.2710


 6.1184, 0.4183,
0.1794


 27.8019, 0.3827,
0.2270


 2.9172, 0.4393,
0.1528


 40.3377, 0.3756,
0.2369


 1.0887, 0.4698,
0.1163

 56.1680, 0.3698,
0.2451

 0.0000, 0.5535,
0.0000

 75.6774, 0.3649,
0.2520

 0.0000, 0.6960,
0.0000

 99.2502, 0.3608,
0.2578

 0.0000, 0.0000,
0.0000

 127.2708, 0.3573,

0.2628

160.1236, 0.3543,
0.2672

■ 11.0767, 0.4031,
0.1994

■ 11.0767, 0.4031,
0.1994

■ 11.0786, 0.4031,
0.1994

■ 11.6368, 0.3923,
0.1990

■ 12.5864, 0.3813,
0.2026

■ 14.0760, 0.3703,
0.2108

■ 16.1759, 0.3595,
0.2231

■ 18.9460, 0.3494,
0.2384

■ 22.4387, 0.3401,
0.2557

■ 26.7015, 0.3317,
0.2741

■ 31.7776, 0.3244,
0.2929

■ 37.7072, 0.3181,
0.3113

Harmonies

Analogous

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



11.0767, 0.2464, 0.1489



11.0767, 0.4031, 0.1994



11.0767, 0.5564, 0.2712

Triad

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



11.0767, 0.4031, 0.1994



11.0767, 0.4367, 0.5633



11.0767, 0.0869, 0.1930

Complementary

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



11.0767, 0.4031, 0.1994



32.0595, 0.2906, 0.5661

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.



11.0767, 0.1103, 0.3274



11.0767, 0.4031, 0.1994



11.0767, 0.3046, 0.6330

Square

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



11.0767, 0.4031, 0.1994



11.0767, 0.5513, 0.4487



11.0767, 0.1864, 0.5388



11.0767, 0.0995, 0.1387

Rectangle

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



11.0767, 0.4031, 0.1994



11.0767, 0.6027, 0.3229



11.0767, 0.1864, 0.5388



11.0767, 0.0901, 0.2267

Sweetspot

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



11.0786, 0.4031, 0.1994



47.9766, 0.3322, 0.2732



3.8305, 0.1665, 0.0691



9.8835, 0.3355, 0.2654



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



11.0786, 0.4031, 0.1994



20.0467, 0.4048, 0.2004



9.6304, 0.5975, 0.3065



8.6068, 0.3177, 0.3125



7.9365, 0.4019, 0.1988



0.2588, 0.3748, 0.1838

Inverse Universe

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



11.0786, 0.4031, 0.1994



20.0467, 0.4048, 0.2004



33.6373, 0.2460, 0.4056



8.6068, 0.3177, 0.3125



7.9365, 0.4019, 0.1988



0.2588, 0.3748, 0.1838

Previews

White Background



This preview shows how the Yxy color 11.0767, 0.4031, 0.1994 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 11.0767, 0.4031, 0.1994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

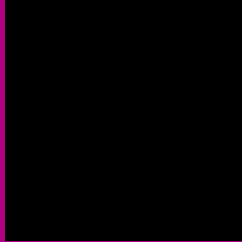
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0767, 0.4031, 0.1994

Background



This preview shows how black text looks on a background with the Yxy color 11.0767, 0.4031, 0.1994.



This preview shows how white text looks on a background with the Yxy color 11.0767, 0.4031, 0.1994.

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

11.0767, 0.4031, 0.1994

Protanopia

11.8451, 0.1873, 0.1623

Deuteranopia

11.6859, 0.2733, 0.2677



Tritanopia

11.4047, 0.5395, 0.3262

Trichromacy



Original Color

11.0767, 0.4031, 0.1994



Protanomaly

8.1199, 0.2225, 0.1415



Deuteranomaly

8.9233, 0.3149, 0.2084



Tritanomaly

10.6409, 0.4980, 0.2718

Monochromacy



Original Color

11.0767, 0.4031, 0.1994



Achromatopsia

5.7805, 0.3127, 0.3290



Achromatomaly

5.6712, 0.3556, 0.2257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0767, 0.4031, 0.1994 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(178, 0, 130)` looks like.

```
.text, #text, p{  
  color:rgb(178, 0, 130)  
}
```

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(178, 0, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 0, 130) }
```

Border

The CSS property to change the border of an element to Yxy 11.0767, 0.4031, 0.1994 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(178, 0, 130) }
```

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

```
.border{ border-color:rgb(178, 0, 130) }
```

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

Here you see how a box with a 4 pixel rgb(178, 0, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 0, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 0, 130);  
box-shadow:4px 4px 4px 4px rgb(178, 0,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0767, 0.4031, 0.1994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 0, 130) }
```

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

```
.background{ background-color: rgb(178, 0,  
130) }
```

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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