

Converting Colors

$Yxy(11.1894, 0.3195, 0.1533)$

Have a look what the booklet for
Yxy(11.1894, 0.3195, 0.1533)
contains.

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Color

Yxy(11.1894, 0.3195, 0.1533)

Conversions

Conversions Part 1

Format	Color
Hex	A800A9
RGB	168, 0, 169
RGB Percent	66%, 0%, 66%
CMY	0.3410, 1.0000, 0.3371
CMYK	0.01, 1.00, 0.00, 0.34
HSL	300°, 100%, 33%
HSV	300°, 100%, 66%
XYZ	23.3204, 11.1894, 38.4804
YIQ	69.4980, 45.8790, 88.1750

Conversions

Conversions Part 2

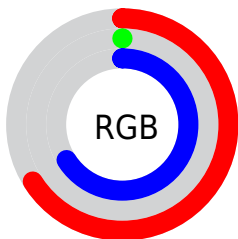
Format	Color
RYB	168, 0, 169
Decimal	11010217
CIELab	39.90, 72.08, -45.03
CIElCh	40, 84.988, 328.008
Yxy	11.1894, 0.3195, 0.1533
Android (android.graphics.Color)	4289200297 (0xFFA800A9)
YUV	69.4980, 49.0545, 86.3863
Hunter-Lab	33.4506, 65.9045, -44.7899

Details

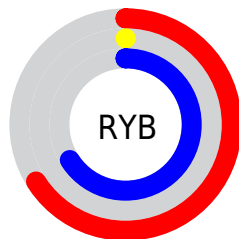
The Yxy color **11.1894, 0.3195, 0.1533** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **28.3927, 0.3001, 0.5999**, and the grayscale version is **5.9527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9536, 0.3216, 0.1859**, and **4.6405, 0.3106, 0.1485** is the 20% darker color. If you saturate the color by 10%, you get **11.1964, 0.3195, 0.1534**, and if you desaturate by 10%, it is **11.6050, 0.3195, 0.1575**.

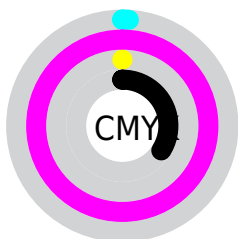
Distribution



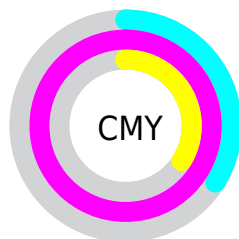
- Red (66%)
- Green (0%)
- Blue (66%)



- Red (66%)
- Yellow (0%)
- Blue (66%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (34%)




- Cyan (34%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1894, 0.3195, 0.1533 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 11.1894, 0.3195, 0.1533 by changing the saturation by 10% instead.


 11.1894, 0.3195,
0.1533


 11.1894, 0.3195,
0.1533


198.9624, 0.3210,
0.2439

 6.1944, 0.3168,
0.1312


 28.0099, 0.3216,
0.1862


 2.9636, 0.3116,
0.1041


 40.6041, 0.3219,
0.1986

 1.1128, 0.3014,
0.0711


 56.5002, 0.3219,
0.2091

 0.0000, 0.2901,
0.0000

 76.0826, 0.3218,
0.2181

 0.0000, 0.2333,
0.0000

 99.7355, 0.3217,
0.2259

 0.0000, 0.0000,
0.0000

 127.8436, 0.3215,

0.2326

160.7911, 0.3212,
0.2386

■ 11.1894, 0.3195,
0.1533

■ 11.1894, 0.3195,
0.1533

■ 11.1964, 0.3195,
0.1534

■ 11.6050, 0.3195,
0.1575

■ 12.3508, 0.3193,
0.1648

■ 13.5708, 0.3189,
0.1762

■ 15.3266, 0.3184,
0.1917

■ 17.6707, 0.3176,
0.2107

■ 20.6492, 0.3168,
0.2324

■ 24.3038, 0.3158,
0.2560

■ 28.6723, 0.3148,
0.2804

■ 33.7901, 0.3137,
0.3050

Harmonies

Analogous

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



11.1894, 0.1744, 0.1159



11.1894, 0.3195, 0.1533



11.1894, 0.5176, 0.2201

Triad

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



11.1894, 0.3195, 0.1533



11.1894, 0.4964, 0.5036



11.1894, 0.0707, 0.2278

Complementary

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



11.1894, 0.3195, 0.1533



28.3927, 0.3001, 0.5999

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.



11.1894, 0.1147, 0.4445



11.1894, 0.3195, 0.1533



11.1894, 0.3557, 0.6443

Square

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



11.1894, 0.3195, 0.1533



11.1894, 0.6138, 0.3862



11.1894, 0.2193, 0.6703



11.1894, 0.0698, 0.1365

Rectangle

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



11.1894, 0.3195, 0.1533



11.1894, 0.6147, 0.2715



11.1894, 0.2193, 0.6703



11.1894, 0.0792, 0.2838

Sweetspot

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



11.1964, 0.3195, 0.1534



43.1279, 0.3159, 0.2547



2.9268, 0.1503, 0.0612



8.7986, 0.3163, 0.2450



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



11.1964, 0.3195, 0.1534



20.0414, 0.3195, 0.1534



9.1317, 0.4875, 0.2459



7.6644, 0.3137, 0.3067



8.3424, 0.3195, 0.1534



0.2036, 0.3200, 0.1537

Inverse Universe

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



8.4403, 0.6394, 0.3296



15.1094, 0.6396, 0.3297



28.9910, 0.2737, 0.5052



7.5430, 0.3285, 0.3289



6.2884, 0.6393, 0.3295



0.1532, 0.6356, 0.3275

Previews

White Background



This preview shows how the Yxy color 11.1894, 0.3195, 0.1533 looks on a white background.

Color Contrast Check

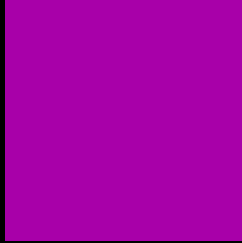
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1894, 0.3195, 0.1533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

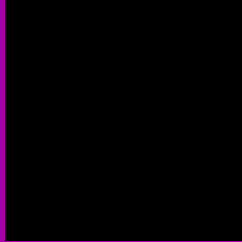
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1894, 0.3195, 0.1533

Background



This preview shows how black text looks on a background with the Yxy color 11.1894, 0.3195, 0.1533.



This preview shows how white text looks on a background with the Yxy color 11.1894, 0.3195, 0.1533.

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

11.1894, 0.3195, 0.1533

Protanopia

11.8599, 0.1744, 0.1478

Deuteranopia

11.9224, 0.2085, 0.2035



Tritanopia

11.5195, 0.4746, 0.3218

Trichromacy



Original Color

11.1894, 0.3195, 0.1533



Protanomaly

7.7079, 0.1832, 0.1133



Deuteranomaly

8.6310, 0.2306, 0.1501



Tritanomaly

10.2945, 0.4188, 0.2371

Monochromacy



Original Color

11.1894, 0.3195, 0.1533



Achromatopsia

6.1246, 0.3127, 0.3290



Achromatomaly

5.9816, 0.3187, 0.2010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1894, 0.3195, 0.1533 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(168, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 169)  
}
```

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(168, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 169) }
```

Border

The CSS property to change the border of an element to Yxy 11.1894, 0.3195, 0.1533 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(168, 0, 169) }
```

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

```
.border{ border-color:rgb(168, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(168, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(168, 0,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1894, 0.3195, 0.1533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 169) }
```

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

```
.background{ background-color: rgb(168, 0,  
169) }
```

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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