

Converting Colors

$Yxy(7.8192, 0.3833, 0.1446)$

Have a look what the booklet for
Yxy(7.8192, 0.3833, 0.1446)
contains.

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Color

Yxy(10.9218, 0.3753, 0.1841)

Conversions

Conversions Part 1

Format	Color
Hex	AE008D
RGB	174, 0, 141
RGB Percent	68%, 0%, 55%
CMY	0.3176, 1.0000, 0.4470
CMYK	0.00, 1.00, 0.19, 0.32
HSL	311°, 100%, 34%
HSV	311°, 100%, 68%
XYZ	22.2648, 10.9218, 26.1388
YIQ	68.1000, 58.4430, 80.7390

Conversions

Conversions Part 2

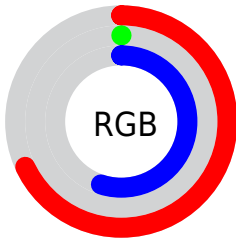
Format	Color
RYB	174, 0, 141
Decimal	11403405
CIELab	39.45, 69.22, -28.70
CIElCh	39, 74.934, 337.481
Yxy	10.9218, 0.3753, 0.1841
Android (android.graphics.Color)	4289593485 (0xFFAE008D)
YUV	68.1000, 35.9397, 92.8743
Hunter-Lab	33.0481, 62.4227, -23.7605

Details

The Yxy color **10.9218, 0.3753, 0.1841** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **30.3839, 0.2948, 0.5811**, and the grayscale version is **5.7321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.4503, 0.3623, 0.2137**, and **4.5201, 0.3864, 0.1902** is the 20% darker color. If you saturate the color by 10%, you get **10.9227, 0.3753, 0.1841**, and if you desaturate by 10%, it is **11.4359, 0.3684, 0.1854**.

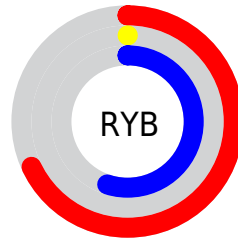
Distribution



Red (68%)

Green (0%)

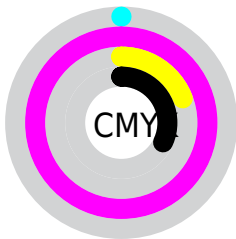
Blue (55%)



Red (68%)

Yellow (0%)

Blue (55%)

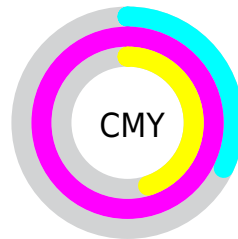


Cyan (0%)

Magenta (100%)

Yellow (19%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.9218, 0.3753, 0.1841 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 10.9218, 0.3753, 0.1841 by changing the saturation by 10% instead.


 10.9218, 0.3753,
0.1841


 10.9218, 0.3753,
0.1841


197.1303, 0.3417,
0.2626


 6.0143, 0.3842,
0.1631


 27.5155, 0.3627,
0.2139


 2.8538, 0.3956,
0.1357


 39.9704, 0.3580,
0.2247


 1.0559, 0.4103,
0.0995

 55.7099, 0.3542,
0.2337

 0.0000, 0.4523,
0.0000

 75.1184, 0.3509,
0.2413

 0.0000, 0.4410,
0.0000

 98.5803, 0.3481,
0.2478

 0.0000, 0.0000,
0.0000

 126.4800, 0.3457,

0.2534

159.2019, 0.3436,
0.2583

■ 10.9218, 0.3753,
0.1841

■ 10.9218, 0.3753,
0.1841

■ 10.9227, 0.3753,
0.1841

■ 11.4359, 0.3684,
0.1854

■ 12.3155, 0.3612,
0.1904

■ 13.7047, 0.3539,
0.1998

■ 15.6700, 0.3466,
0.2132

■ 18.2678, 0.3396,
0.2298

■ 21.5477, 0.3330,
0.2486

■ 25.5544, 0.3270,
0.2686

■ 30.3288, 0.3216,
0.2891

■ 35.9087, 0.3168,
0.3094

Harmonies

Analogous

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



10.9218, 0.2213, 0.1379



10.9218, 0.3753, 0.1841



10.9218, 0.5449, 0.2545

Triad

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



10.9218, 0.3753, 0.1841



10.9218, 0.4562, 0.5438



10.9218, 0.0820, 0.2036

Complementary

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



10.9218, 0.3753, 0.1841



30.3839, 0.2948, 0.5811

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.



10.9218, 0.1124, 0.3612



10.9218, 0.3753, 0.1841



10.9218, 0.3232, 0.6417

Square

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



10.9218, 0.3753, 0.1841



10.9218, 0.5718, 0.4282



10.9218, 0.1988, 0.5835



10.9218, 0.0896, 0.1384

Rectangle

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



10.9218, 0.3753, 0.1841



10.9218, 0.6073, 0.3060



10.9218, 0.1988, 0.5835



10.9218, 0.0871, 0.2435

Sweetspot

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



10.9227, 0.3753, 0.1841



45.9297, 0.3273, 0.2676



3.3617, 0.1588, 0.0648



9.5108, 0.3297, 0.2592



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



10.9227, 0.3753, 0.1841



19.7800, 0.3764, 0.1847



9.2761, 0.5692, 0.2909



8.1216, 0.3165, 0.3108



7.9301, 0.3746, 0.1837



0.2272, 0.3557, 0.1733

Inverse Universe

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



10.9227, 0.3753, 0.1841



19.7800, 0.3764, 0.1847



31.6037, 0.2542, 0.4352



8.1216, 0.3165, 0.3108



7.9301, 0.3746, 0.1837



0.2272, 0.3557, 0.1733

Previews

White Background



This preview shows how the Yxy color 10.9218, 0.3753, 0.1841 looks on a white background.

Color Contrast Check

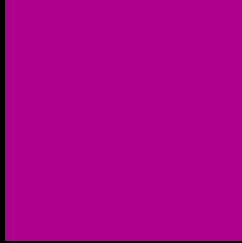
Large Text (above 18pt) WCAG AA ✓ Pass

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 10.9218, 0.3753, 0.1841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

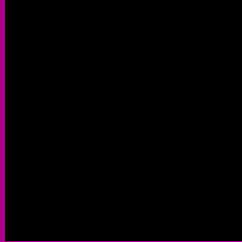
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.9218, 0.3753, 0.1841

Background



This preview shows how black text looks on a background with the Yxy color 10.9218, 0.3753, 0.1841.



This preview shows how white text looks on a background with the Yxy color 10.9218, 0.3753, 0.1841.

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

10.9218, 0.3753, 0.1841

Protanopia

11.6398, 0.1742, 0.1470

Deuteranopia

11.5562, 0.2526, 0.2468



Tritanopia

11.3596, 0.5202, 0.3257

Trichromacy



Original Color

10.9218, 0.3753, 0.1841



Protanomaly

7.3193, 0.1888, 0.1207



Deuteranomaly

8.7629, 0.2897, 0.1905



Tritanomaly

10.5291, 0.4750, 0.2631

Monochromacy



Original Color

10.9218, 0.3753, 0.1841



Achromatopsia

5.7805, 0.3127, 0.3290



Achromatomaly

5.6798, 0.3443, 0.2174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.9218, 0.3753, 0.1841 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(174, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(174, 0, 141)  
}
```

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(174, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 0, 141) }
```

Border

The CSS property to change the border of an element to Yxy 10.9218, 0.3753, 0.1841 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(174, 0, 141) }
```

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

```
.border{ border-color:rgb(174, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(174, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(174, 0,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 10.9218, 0.3753, 0.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 0, 141) }
```

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

```
.background{ background-color: rgb(174, 0,  
141) }
```

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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