

Converting Colors

$Yxy(15.4048, 0.3834, 0.1886)$

Have a look what the booklet for
Yxy(15.4048, 0.3834, 0.1886)
contains.

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Color

Yxy(15.4106, 0.3831, 0.1884)

Conversions

Conversions Part 1

Format	Color
Hex	CC00A1
RGB	204, 0, 161
RGB Percent	80%, 0%, 63%
CMY	0.2000, 1.0000, 0.3686
CMYK	0.00, 1.00, 0.21, 0.20
HSL	313°, 100%, 40%
HSV	313°, 100%, 80%
XYZ	31.3365, 15.4106, 35.0501
YIQ	79.3500, 69.9030, 93.3190

Conversions

Conversions Part 2

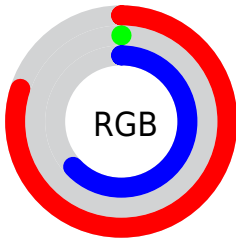
Format	Color
R_{YB}	204, 0, 161
Decimal	13369505
CIE _{Lab}	46.19, 77.35, -29.84
CIE _{LCh}	46, 82.905, 338.902
Yxy	15.4106, 0.3831, 0.1884
Android (android.graphics.Color)	4291559585 (0xFFCC00A1)
YUV	79.3500, 40.2535, 109.3180
Hunter-Lab	39.2563, 73.7897, -25.4578

Details

The Yxy color **15.4106, 0.3831, 0.1884** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **43.3609, 0.2942, 0.5791**, and the grayscale version is **7.8011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5302, 0.3598, 0.2106**, and **7.1239, 0.3940, 0.1944** is the 20% darker color. If you saturate the color by 10%, you get **15.4115, 0.3831, 0.1884**, and if you desaturate by 10%, it is **16.0804, 0.3752, 0.1887**.

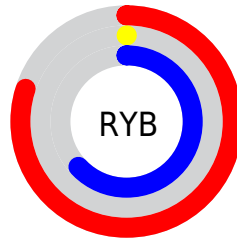
Distribution



Red (80%)

Green (0%)

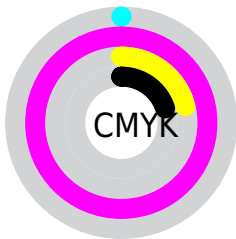
Blue (63%)



Red (80%)

Yellow (0%)

Blue (63%)

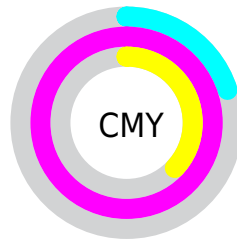


Cyan (0%)

Magenta (100%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (100%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4106, 0.3831, 0.1884 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 15.4106, 0.3831, 0.1884 by changing the saturation by 10% instead.


 15.4106, 0.3831,
0.1884


 15.4106, 0.3831,
0.1884


225.8382, 0.3465,
0.2610


 9.1081, 0.3924,
0.1701


 35.5719, 0.3696,
0.2150


 4.8117, 0.4044,
0.1469


 50.1995, 0.3646,
0.2250


 2.1372, 0.4200,
0.1170


 68.3708, 0.3604,
0.2334

 0.6854, 0.4413,
0.0768

 90.4703, 0.3568,
0.2405

 0.0000, 0.4820,
0.0000

 116.8824, 0.3537,
0.2467

 0.0000, 0.5078,
0.0000

 147.9915, 0.3510,

 0.0000, 0.0000,

0.2521

0.0000

184.1820, 0.3486,
0.2568

■ 15.4106, 0.3831,
0.1884

■ 15.4106, 0.3831,
0.1884

■ 15.4115, 0.3831,
0.1884

■ 16.0804, 0.3752,
0.1887

■ 17.2975, 0.3671,
0.1929

■ 19.2492, 0.3587,
0.2018

■ 22.0351, 0.3505,
0.2148

■ 25.7391, 0.3425,
0.2311

■ 30.4351, 0.3351,
0.2496

■ 36.1893, 0.3284,
0.2694

■ 43.0621, 0.3224,
0.2897

■ 51.1096, 0.3172,
0.3097

Harmonies

Analogous

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



15.4106, 0.2282, 0.1410



15.4106, 0.3831, 0.1884



15.4106, 0.5482, 0.2592

Triad

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



15.4106, 0.3831, 0.1884



15.4106, 0.4507, 0.5493



15.4106, 0.0835, 0.2006

Complementary

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



15.4106, 0.3831, 0.1884



43.3609, 0.2942, 0.5791

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.



15.4106, 0.1118, 0.3513



15.4106, 0.3831, 0.1884



15.4106, 0.3175, 0.6385

Square

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



15.4106, 0.3831, 0.1884



15.4106, 0.5635, 0.4320



15.4106, 0.1954, 0.5709



15.4106, 0.0924, 0.1385

Rectangle

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



15.4106, 0.3831, 0.1884



15.4106, 0.6061, 0.3108



15.4106, 0.1954, 0.5709



15.4106, 0.0880, 0.2386

Sweetspot

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



15.4115, 0.3831, 0.1884



59.5251, 0.3287, 0.2687



4.8270, 0.1594, 0.0652



11.8289, 0.3315, 0.2601



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



15.4115, 0.3831, 0.1884



25.4899, 0.3840, 0.1889



13.1767, 0.5779, 0.2957



11.3617, 0.3169, 0.3109



9.7140, 0.3820, 0.1878



0.5116, 0.3679, 0.1800

Inverse Universe

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



15.4115, 0.3831, 0.1884



25.4899, 0.3840, 0.1889



45.1638, 0.2529, 0.4304



11.3617, 0.3169, 0.3109



9.7140, 0.3820, 0.1878



0.5116, 0.3679, 0.1800

Previews

White Background



This preview shows how the Yxy color 15.4106, 0.3831, 0.1884 looks on a white background.

Color Contrast Check

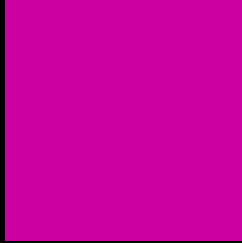
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4106, 0.3831, 0.1884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

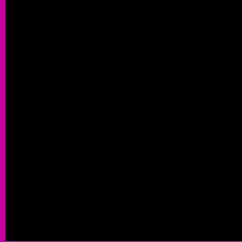
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4106, 0.3831, 0.1884

Background



This preview shows how black text looks on a background with the Yxy color 15.4106, 0.3831, 0.1884.



This preview shows how white text looks on a background with the Yxy color 15.4106, 0.3831, 0.1884.

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

15.4106, 0.3831, 0.1884

Protanopia

16.1950, 0.1747, 0.1458

Deuteranopia

16.0956, 0.2564, 0.2514



Tritanopia

15.6960, 0.5297, 0.3253

Trichromacy



Original Color

15.4106, 0.3831, 0.1884



Protanomaly

10.2877, 0.1935, 0.1211



Deuteranomaly

12.1501, 0.2945, 0.1925



Tritanomaly

14.5993, 0.4849, 0.2655

Monochromacy



Original Color

15.4106, 0.3831, 0.1884



Achromatopsia

7.8187, 0.3127, 0.3290



Achromatomaly

7.6704, 0.3471, 0.2180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4106, 0.3831, 0.1884 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(204, 0, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 0, 161)  
}
```

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(204, 0, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 161) }
```

Border

The CSS property to change the border of an element to Yxy 15.4106, 0.3831, 0.1884 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(204, 0, 161) }
```

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

```
.border{ border-color:rgb(204, 0, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 0, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4106, 0.3831, 0.1884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 161) }
```

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

```
.background{ background-color: rgb(204, 0,  
161) }
```

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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