

Converting Colors

$Y_{xy}(14.6297, 0.3739, 0.1834)$

Have a look what the booklet for
Yxy(14.6297, 0.3739, 0.1834)
contains.

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Color

Yxy(14.6144, 0.3733, 0.1830)

Conversions

Conversions Part 1

Format	Color
Hex	C600A2
RGB	198, 0, 162
RGB Percent	78%, 0%, 64%
CMY	0.2235, 1.0000, 0.3647
CMYK	0.00, 1.00, 0.18, 0.22
HSL	311°, 100%, 39%
HSV	311°, 100%, 78%
XYZ	29.8118, 14.6144, 35.4339
YIQ	77.6700, 66.0060, 92.3580

Conversions

Conversions Part 2

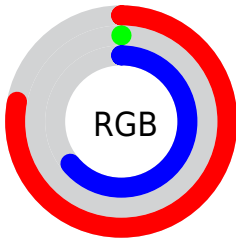
Format	Color
R_{YB}	198, 0, 162
Decimal	12976290
CIE _{Lab}	45.10, 76.35, -32.22
CIE _{LCh}	45, 82.871, 337.120
Yxy	14.6144, 0.3733, 0.1830
Android (android.graphics.Color)	4291166370 (0xFFC600A2)
YUV	77.6700, 41.5747, 105.5294
Hunter-Lab	38.2288, 72.2985, -28.1952

Details

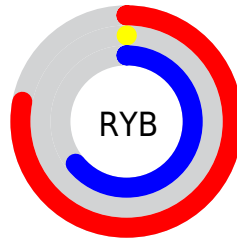
The Yxy color **14.6144, 0.3733, 0.1830** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **40.5186, 0.2954, 0.5835**, and the grayscale version is **7.4650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4145, 0.3587, 0.2091**, and **6.6148, 0.3803, 0.1869** is the 20% darker color. If you saturate the color by 10%, you get **14.6155, 0.3733, 0.1830**, and if you desaturate by 10%, it is **15.2387, 0.3667, 0.1839**.

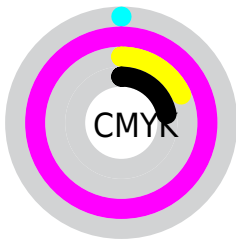
Distribution



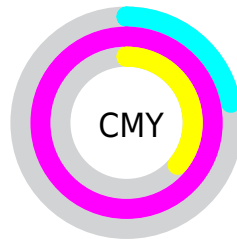
- Red (78%)
- Green (0%)
- Blue (64%)



- Red (78%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (22%)




- Cyan (22%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6144, 0.3733, 0.1830 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 14.6144, 0.3733, 0.1830 by changing the saturation by 10% instead.


 14.6144, 0.3733,
0.1830


 14.6144, 0.3733,
0.1830


221.0203, 0.3425,
0.2584


 8.5492, 0.3808,
0.1641


 34.1753, 0.3621,
0.2106


 4.4483, 0.3902,
0.1401


 48.4398, 0.3579,
0.2210

 1.9274, 0.4020,
0.1094


 66.2062, 0.3543,
0.2297

 0.5648, 0.4179,
0.0663

 87.8588, 0.3513,
0.2371

 0.0000, 0.4414,
0.0000

 113.7822, 0.3486,
0.2435

 0.0000, 0.3934,
0.0000

 144.3606, 0.3463,

 0.0000, 0.0000,

0.2491

0.0000

179.9785, 0.3443,
0.2540

■ 14.6144, 0.3733,
0.1830

■ 14.6144, 0.3733,
0.1830

■ 14.6155, 0.3733,
0.1830

■ 15.2387, 0.3667,
0.1839

■ 16.3698, 0.3599,
0.1887

■ 18.1857, 0.3528,
0.1980

■ 20.7786, 0.3458,
0.2115

■ 24.2265, 0.3390,
0.2282

■ 28.5979, 0.3325,
0.2472

■ 33.9543, 0.3267,
0.2675

■ 40.3520, 0.3214,
0.2884

■ 47.8429, 0.3168,
0.3090

Harmonies

Analogous

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



14.6144, 0.2196, 0.1371



14.6144, 0.3733, 0.1830



14.6144, 0.5440, 0.2533

Triad

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



14.6144, 0.3733, 0.1830



14.6144, 0.4576, 0.5424



14.6144, 0.0817, 0.2044

Complementary

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



14.6144, 0.3733, 0.1830



40.5186, 0.2954, 0.5835

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.



14.6144, 0.1125, 0.3638



14.6144, 0.3733, 0.1830



14.6144, 0.3237, 0.6405

Square

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



14.6144, 0.3733, 0.1830



14.6144, 0.5717, 0.4254



14.6144, 0.1997, 0.5867



14.6144, 0.0889, 0.1383

Rectangle

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



14.6144, 0.3733, 0.1830



14.6144, 0.6076, 0.3048



14.6144, 0.1997, 0.5867



14.6144, 0.0868, 0.2448

Sweetspot

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



14.6155, 0.3733, 0.1830



59.6564, 0.3269, 0.2666



4.4009, 0.1570, 0.0638



11.8606, 0.3294, 0.2578



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.



14.6155, 0.3733, 0.1830



25.8454, 0.3742, 0.1835



12.4001, 0.5653, 0.2888



10.7823, 0.3165, 0.3103



9.5157, 0.3725, 0.1826



0.4594, 0.3599, 0.1756

Inverse Universe

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



14.6155, 0.3733, 0.1830



25.8454, 0.3742, 0.1835



42.0573, 0.2562, 0.4423



10.7823, 0.3165, 0.3103



9.5157, 0.3725, 0.1826



0.4594, 0.3599, 0.1756

Previews

White Background



This preview shows how the Yxy color 14.6144, 0.3733, 0.1830 looks on a white background.

Color Contrast Check

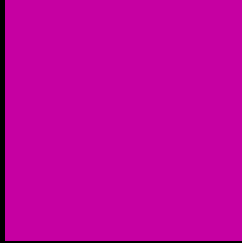
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.6144, 0.3733, 0.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

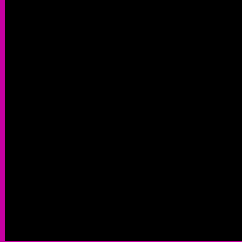
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6144, 0.3733, 0.1830

Background



This preview shows how black text looks on a background with the Yxy color 14.6144, 0.3733, 0.1830.



This preview shows how white text looks on a background with the Yxy color 14.6144, 0.3733, 0.1830.

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

14.6144, 0.3733, 0.1830

Protanopia

15.4309, 0.1739, 0.1461

Deuteranopia

15.3718, 0.2489, 0.2445



Tritanopia

15.0192, 0.5231, 0.3262

Trichromacy



Original Color

14.6144, 0.3733, 0.1830



Protanomaly

9.6091, 0.1876, 0.1184



Deuteranomaly

11.5621, 0.2848, 0.1866



Tritanomaly

13.8826, 0.4753, 0.2620

Monochromacy



Original Color

14.6144, 0.3733, 0.1830



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.5229, 0.3433, 0.2165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6144, 0.3733, 0.1830 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(198, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 162)  
}
```

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(198, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 162) }
```

Border

The CSS property to change the border of an element to Yxy 14.6144, 0.3733, 0.1830 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(198, 0, 162) }
```

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

```
.border{ border-color:rgb(198, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6144, 0.3733, 0.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 162) }
```

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

```
.background{ background-color: rgb(198, 0,  
162) }
```

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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