

Converting Colors

$Y_{xy}(15.5722, 0.3413, 0.1654)$

Have a look what the booklet for
Yxy(15.5722, 0.3413, 0.1654)
contains.

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Color

Yxy(15.6028, 0.3409, 0.1652)

Conversions

Conversions Part 1

Format	Color
Hex	C700B8
RGB	199, 0, 184
RGB Percent	78%, 0%, 72%
CMY	0.2197, 0.9990, 0.2785
CMYK	0.00, 1.00, 0.08, 0.22
HSL	305°, 100%, 39%
HSV	305°, 100%, 78%
XYZ	32.1973, 15.6028, 46.6478
YIQ	80.4770, 59.5400, 99.4120

Conversions

Conversions Part 2

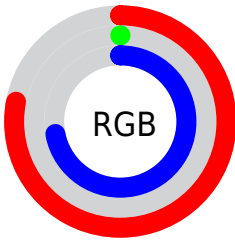
Format	Color
RYB	199, 0, 184
Decimal	13041848
CIELab	46.45, 79.37, -43.10
CIELCh	46, 90.320, 331.497
Yxy	15.6028, 0.3409, 0.1652
Android (android.graphics.Color)	4291231928 (0xFFC700B8)
YUV	80.4770, 51.0368, 103.9447
Hunter-Lab	39.5004, 76.3721, -42.3681

Details

The Yxy color **15.6028, 0.3409, 0.1652** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **40.8714, 0.2987, 0.5954**, and the grayscale version is **8.0379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0930, 0.3330, 0.1920**, and **7.1872, 0.3393, 0.1643** is the 20% darker color. If you saturate the color by 10%, you get **15.5973, 0.3409, 0.1652**, and if you desaturate by 10%, it is **16.1670, 0.3385, 0.1678**.

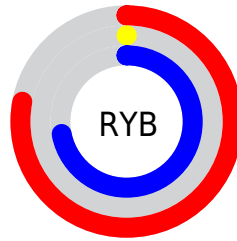
Distribution



Red (78%)

Green (0%)

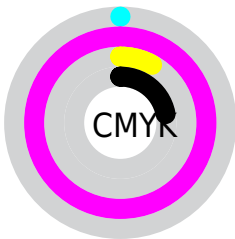
Blue (72%)



Red (78%)

Yellow (0%)

Blue (72%)

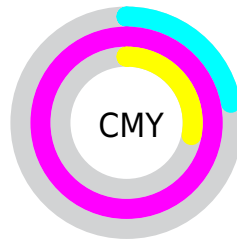


Cyan (0%)

Magenta (100%)

Yellow (8%)

Black (22%)



Cyan (22%)


Magenta (100%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.6028, 0.3409, 0.1652 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 15.6028, 0.3409, 0.1652 by changing the saturation by 10% instead.


 15.6028, 0.3409,
0.1652


 15.6028, 0.3409,
0.1652


226.9864, 0.3300,
0.2466


 9.2435, 0.3422,
0.1460


 35.9073, 0.3379,
0.1942


 4.9004, 0.3429,
0.1224


 50.6212, 0.3365,
0.2053

 2.1889, 0.3420,
0.0934


 68.8889, 0.3351,
0.2147

 0.7139, 0.3372,
0.0579

 91.0946, 0.3339,
0.2229

 0.0000, 0.3283,
0.0000

 117.6229, 0.3328,
0.2300

 0.0000, 0.2619,
0.0000

 148.8580, 0.3318,

 0.0000, 0.0000,

0.2362

0.0000

185.1843, 0.3308,
0.2417

■ 15.6028, 0.3409,
0.1652

■ 15.6028, 0.3409,
0.1652

■ 15.5973, 0.3409,
0.1652

■ 16.1670, 0.3385,
0.1678

■ 17.2461, 0.3358,
0.1740

■ 19.0159, 0.3328,
0.1846

■ 21.5695, 0.3297,
0.1993

■ 24.9857, 0.3266,
0.2174

■ 29.3336, 0.3234,
0.2381

■ 34.6755, 0.3204,
0.2605

■ 41.0682, 0.3176,
0.2837

■ 48.5641, 0.3150,
0.3068

Harmonies

Analogous

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



15.6028, 0.1920, 0.1244



15.6028, 0.3409, 0.1652



15.6028, 0.5286, 0.2335

Triad

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



15.6028, 0.3409, 0.1652



15.6028, 0.4807, 0.5193



15.6028, 0.0754, 0.2181

Complementary

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



15.6028, 0.3409, 0.1652



40.8714, 0.2987, 0.5954

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.



15.6028, 0.1143, 0.4097



15.6028, 0.3409, 0.1652



15.6028, 0.3446, 0.6465

Square

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



15.6028, 0.3409, 0.1652



15.6028, 0.5967, 0.4021



15.6028, 0.2125, 0.6377



15.6028, 0.0774, 0.1375

Rectangle

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



15.6028, 0.3409, 0.1652



15.6028, 0.6120, 0.2850



15.6028, 0.2125, 0.6377



15.6028, 0.0826, 0.2672

Sweetspot

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



15.6036, 0.3409, 0.1652



60.1538, 0.3206, 0.2592



4.2172, 0.1520, 0.0611



11.9811, 0.3219, 0.2495



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.



15.6036, 0.3409, 0.1652



27.3018, 0.3412, 0.1653



12.8217, 0.5249, 0.2666



10.8023, 0.3149, 0.3079



10.0382, 0.3406, 0.1650



0.4795, 0.3361, 0.1625

Inverse Universe

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



15.6036, 0.3409, 0.1652



27.3018, 0.3412, 0.1653



42.0253, 0.2662, 0.4782



10.8023, 0.3149, 0.3079



10.0382, 0.3406, 0.1650



0.4795, 0.3361, 0.1625

Previews

White Background



This preview shows how the Yxy color 15.6028, 0.3409, 0.1652 looks on a white background.

Color Contrast Check

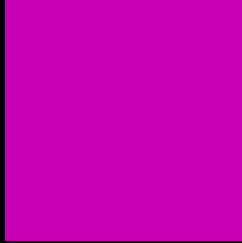
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.6028, 0.3409, 0.1652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

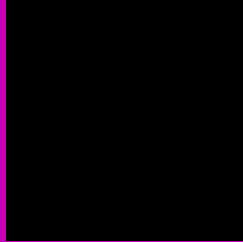
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.6028, 0.3409, 0.1652

Background



This preview shows how black text looks on a background with the Yxy color 15.6028, 0.3409, 0.1652.



This preview shows how white text looks on a background with the Yxy color 15.6028, 0.3409, 0.1652.

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

15.6028, 0.3409, 0.1652

Protanopia

16.3823, 0.1739, 0.1461

Deuteranopia

16.3548, 0.2234, 0.2184



Tritanopia

15.8619, 0.4973, 0.3234

Trichromacy



Original Color

15.6028, 0.3409, 0.1652



Protanomaly

10.4381, 0.1841, 0.1143



Deuteranomaly

11.9659, 0.2521, 0.1630



Tritanomaly

14.4214, 0.4442, 0.2477

Monochromacy



Original Color

15.6028, 0.3409, 0.1652



Achromatopsia

8.2283, 0.3127, 0.3290



Achromatomaly

8.0491, 0.3295, 0.2070

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.6028, 0.3409, 0.1652 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(199, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 184)  
}
```

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(199, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 184) }
```

Border

The CSS property to change the border of an element to Yxy 15.6028, 0.3409, 0.1652 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(199, 0, 184) }
```

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

```
.border{ border-color:rgb(199, 0, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 0, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 15.6028, 0.3409, 0.1652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 184) }
```

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

```
.background{ background-color: rgb(199, 0,  
184) }
```

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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