

Converting Colors

$Yxy(14.6170, 0.3611, 0.1763)$

Have a look what the booklet for
Yxy(14.6170, 0.3611, 0.1763)
contains.

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Color

Yxy(14.5629, 0.3608, 0.1761)

Conversions

Conversions Part 1

Format	Color
Hex	C400A8
RGB	196, 0, 168
RGB Percent	77%, 0%, 66%
CMY	0.2313, 1.0000, 0.3411
CMYK	0.00, 1.00, 0.14, 0.23
HSL	309°, 100%, 38%
HSV	309°, 100%, 77%
XYZ	29.8370, 14.5629, 38.2969
YIQ	77.7560, 62.8880, 93.8000

Conversions

Conversions Part 2

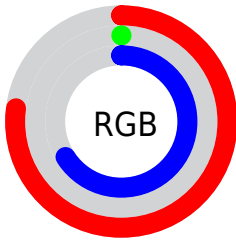
Format	Color
RYB	196, 0, 168
Decimal	12845224
CIELab	45.03, 76.76, -35.95
CIELCh	45, 84.759, 334.901
Yxy	14.5629, 0.3608, 0.1761
Android (android.graphics.Color)	4291035304 (0xFFC400A8)
YUV	77.7560, 44.4903, 103.7000
Hunter-Lab	38.1614, 72.7803, -32.7876

Details

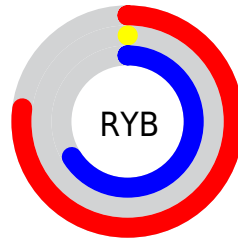
The Yxy color **14.5629, 0.3608, 0.1761** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **39.5691, 0.2969, 0.5888**, and the grayscale version is **7.4776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7866, 0.3510, 0.2035**, and **6.5562, 0.3650, 0.1784** is the 20% darker color. If you saturate the color by 10%, you get **14.5655, 0.3608, 0.1761**, and if you desaturate by 10%, it is **15.1574, 0.3559, 0.1778**.

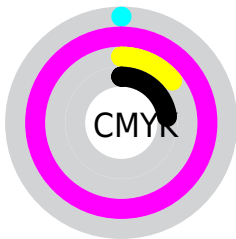
Distribution



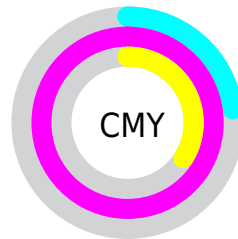
- Red (77%)
- Green (0%)
- Blue (66%)



- Red (77%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (23%)




- Cyan (23%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5629, 0.3608, 0.1761 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 14.5629, 0.3608, 0.1761 by changing the saturation by 10% instead.


 14.5629, 0.3608,
0.1761


 14.5629, 0.3608,
0.1761


220.7051, 0.3376,
0.2543


 8.5132, 0.3659,
0.1568


 34.0845, 0.3528,
0.2045


 4.4251, 0.3718,
0.1327


 48.3253, 0.3496,
0.2152

 1.9141, 0.3783,
0.1021


 66.0651, 0.3469,
0.2243

 0.5568, 0.3857,
0.0602

 87.6885, 0.3446,
0.2320

 0.0000, 0.3924,
0.0000

 113.5798, 0.3425,
0.2387

 0.0000, 0.2963,
0.0000

 144.1234, 0.3407,

 0.0000, 0.0000,

0.2446

0.0000

179.7037, 0.3391,
0.2497

■ 14.5629, 0.3608,
0.1761

■ 14.5629, 0.3608,
0.1761

■ 14.5655, 0.3608,
0.1761

■ 15.1574, 0.3559,
0.1778

■ 16.2431, 0.3507,
0.1831

■ 17.9965, 0.3452,
0.1930

■ 20.5075, 0.3397,
0.2069

■ 23.8521, 0.3343,
0.2241

■ 28.0971, 0.3292,
0.2438

■ 33.3024, 0.3244,
0.2649

■ 39.5229, 0.3200,
0.2866

■ 46.8093, 0.3161,
0.3081

Harmonies

Analogous

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



14.5629, 0.2087, 0.1322



14.5629, 0.3608, 0.1761



14.5629, 0.5383, 0.2457

Triad

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



14.5629, 0.3608, 0.1761



14.5629, 0.4664, 0.5336



14.5629, 0.0793, 0.2095

Complementary

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



14.5629, 0.3608, 0.1761



39.5691, 0.2969, 0.5888

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.



14.5629, 0.1133, 0.3807



14.5629, 0.3608, 0.1761



14.5629, 0.3317, 0.6432

Square

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



14.5629, 0.3608, 0.1761



14.5629, 0.5816, 0.4166



14.5629, 0.2048, 0.6067



14.5629, 0.0844, 0.1380

Rectangle

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



14.5629, 0.3608, 0.1761



14.5629, 0.6095, 0.2972



14.5629, 0.2048, 0.6067



14.5629, 0.0853, 0.2530

Sweetspot

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



14.5655, 0.3608, 0.1761



59.8365, 0.3246, 0.2639



4.2075, 0.1549, 0.0627



11.9041, 0.3266, 0.2547



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.



14.5655, 0.3608, 0.1761



26.3530, 0.3615, 0.1765



12.2036, 0.5522, 0.2816



10.2220, 0.3159, 0.3095



9.3674, 0.3602, 0.1758



0.4117, 0.3501, 0.1702

Inverse Universe

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



14.5655, 0.3608, 0.1761



26.3530, 0.3615, 0.1765



40.9442, 0.2595, 0.4543



10.2220, 0.3159, 0.3095



9.3674, 0.3602, 0.1758



0.4117, 0.3501, 0.1702

Previews

White Background



This preview shows how the Yxy color 14.5629, 0.3608, 0.1761 looks on a white background.

Color Contrast Check

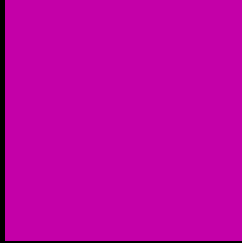
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5629, 0.3608, 0.1761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

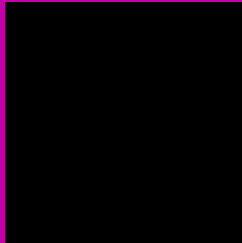
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5629, 0.3608, 0.1761

Background



This preview shows how black text looks on a background with the Yxy color 14.5629, 0.3608, 0.1761.



This preview shows how white text looks on a background with the Yxy color 14.5629, 0.3608, 0.1761.

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

14.5629, 0.3608, 0.1761

Protanopia

15.4309, 0.1739, 0.1461

Deuteranopia

15.3176, 0.2392, 0.2340



Tritanopia

14.9034, 0.5132, 0.3248

Trichromacy



Original Color

14.5629, 0.3608, 0.1761



Protanomaly

9.6657, 0.1862, 0.1170



Deuteranomaly

11.4541, 0.2722, 0.1777



Tritanomaly

13.6437, 0.4629, 0.2561

Monochromacy



Original Color

14.5629, 0.3608, 0.1761



Achromatopsia

7.6185, 0.3127, 0.3290



Achromatomaly

7.4938, 0.3375, 0.2126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5629, 0.3608, 0.1761 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(196, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 168)  
}
```

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(196, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 168) }
```

Border

The CSS property to change the border of an element to Yxy 14.5629, 0.3608, 0.1761 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(196, 0, 168) }
```

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

```
.border{ border-color:rgb(196, 0, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 0, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5629, 0.3608, 0.1761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 168) }
```

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

```
.background{ background-color: rgb(196, 0,  
168) }
```

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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