

Converting Colors

$Yxy(14.4454, 0.3685, 0.1804)$

Have a look what the booklet for
Yxy(14.4454, 0.3685, 0.1804)
contains.

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Color

Yxy(14.4161, 0.3673, 0.1797)

Conversions

Conversions Part 1

Format	Color
Hex	C400A4
RGB	196, 0, 164
RGB Percent	77%, 0%, 64%
CMY	0.2313, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.16, 0.23
HSL	310°, 100%, 38%
HSV	310°, 100%, 77%
XYZ	29.4660, 14.4161, 36.3411
YIQ	77.3000, 64.1720, 92.5560

Conversions

Conversions Part 2

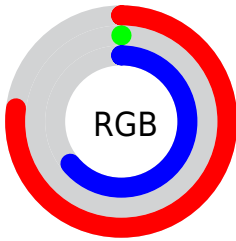
Format	Color
RYB	196, 0, 164
Decimal	12845220
CIELab	44.82, 76.23, -33.86
CIELCh	45, 83.412, 336.048
Yxy	14.4161, 0.3673, 0.1797
Android (android.graphics.Color)	4291035300 (0xFFC400A4)
YUV	77.3000, 42.7431, 104.0999
Hunter-Lab	37.9685, 72.0822, -30.1707

Details

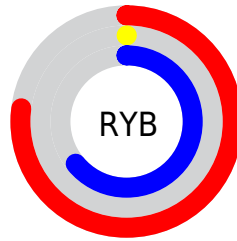
The Yxy color **14.4161, 0.3673, 0.1797** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **39.5888, 0.2961, 0.5861**, and the grayscale version is **7.3913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5192, 0.3565, 0.2075**, and **6.4882, 0.3718, 0.1822** is the 20% darker color. If you saturate the color by 10%, you get **14.4166, 0.3673, 0.1797**, and if you desaturate by 10%, it is **15.0205, 0.3615, 0.1810**.

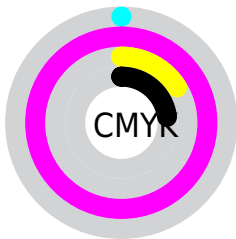
Distribution



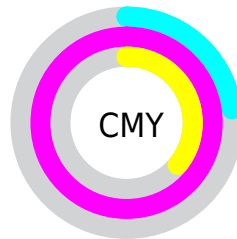
- Red (77%)
- Green (0%)
- Blue (64%)



- Red (77%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (16%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4161, 0.3673, 0.1797 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 14.4161, 0.3673, 0.1797 by changing the saturation by 10% instead.


 14.4161, 0.3673,
0.1797


 14.4161, 0.3673,
0.1797


219.8043, 0.3401,
0.2566


 8.4106, 0.3737,
0.1605


 33.8255, 0.3576,
0.2078


 4.3588, 0.3814,
0.1363


 47.9983, 0.3539,
0.2184


 1.8762, 0.3907,
0.1055


 65.6623, 0.3507,
0.2272

 0.5340, 0.4028,
0.0619

 87.2019, 0.3480,
0.2348

 0.0000, 0.4170,
0.0000

 113.0015, 0.3456,
0.2414

 0.0000, 0.3291,
0.0000

 143.4455, 0.3436,

 0.0000, 0.0000,

0.2471

0.0000

178.9183, 0.3417,
0.2521

■ 14.4161, 0.3673,
0.1797

■ 14.4161, 0.3673,
0.1797

■ 14.4166, 0.3673,
0.1797

■ 15.0205, 0.3615,
0.1810

■ 16.1189, 0.3555,
0.1861

■ 17.8858, 0.3492,
0.1957

■ 20.4109, 0.3429,
0.2093

■ 23.7703, 0.3368,
0.2263

■ 28.0308, 0.3309,
0.2456

■ 33.2524, 0.3256,
0.2663

■ 39.4899, 0.3207,
0.2876

■ 46.7939, 0.3165,
0.3086

Harmonies

Analogous

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



14.4161, 0.2143, 0.1348



14.4161, 0.3673, 0.1797



14.4161, 0.5413, 0.2497

Triad

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



14.4161, 0.3673, 0.1797



14.4161, 0.4618, 0.5382



14.4161, 0.0806, 0.2068

Complementary

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



14.4161, 0.3673, 0.1797



39.5888, 0.2961, 0.5861

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.



14.4161, 0.1129, 0.3718



14.4161, 0.3673, 0.1797



14.4161, 0.3275, 0.6418

Square

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



14.4161, 0.3673, 0.1797



14.4161, 0.5765, 0.4213



14.4161, 0.2022, 0.5963



14.4161, 0.0868, 0.1382

Rectangle

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



14.4161, 0.3673, 0.1797



14.4161, 0.6085, 0.3011



14.4161, 0.2022, 0.5963



14.4161, 0.0861, 0.2487

Sweetspot

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



14.4168, 0.3673, 0.1797



59.7409, 0.3258, 0.2653



4.2534, 0.1559, 0.0633



11.8810, 0.3281, 0.2564



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.



14.4168, 0.3673, 0.1797



26.0807, 0.3681, 0.1802



12.1621, 0.5587, 0.2852



10.2183, 0.3162, 0.3100



9.2730, 0.3665, 0.1793



0.4084, 0.3548, 0.1728

Inverse Universe

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



14.4168, 0.3673, 0.1797



26.0807, 0.3681, 0.1802



41.0273, 0.2579, 0.4483



10.2183, 0.3162, 0.3100



9.2730, 0.3665, 0.1793



0.4084, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 14.4161, 0.3673, 0.1797 looks on a white background.

Color Contrast Check

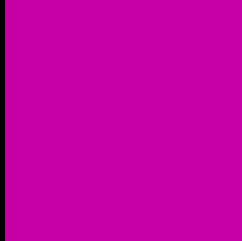
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4161, 0.3673, 0.1797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

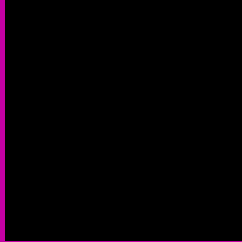
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4161, 0.3673, 0.1797

Background



This preview shows how black text looks on a background with the Yxy color 14.4161, 0.3673, 0.1797.



This preview shows how white text looks on a background with the Yxy color 14.4161, 0.3673, 0.1797.

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

14.4161, 0.3673, 0.1797

Protanopia

15.1746, 0.1737, 0.1454

Deuteranopia

15.0726, 0.2440, 0.2387



Tritanopia

14.8893, 0.5185, 0.3261

Trichromacy



Original Color

14.4161, 0.3673, 0.1797



Protanomaly

9.4531, 0.1867, 0.1169



Deuteranomaly

11.2700, 0.2781, 0.1813



Tritanomaly

13.6415, 0.4707, 0.2597

Monochromacy



Original Color

14.4161, 0.3673, 0.1797



Achromatopsia

7.4214, 0.3127, 0.3290



Achromatomaly

7.2938, 0.3397, 0.2135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4161, 0.3673, 0.1797 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 164) }
```

Border

The CSS property to change the border of an element to Yxy 14.4161, 0.3673, 0.1797 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, 164) }
```

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

```
.border{ border-color:rgb(196, 0, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4161, 0.3673, 0.1797 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, 164) }
```

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

```
.background{ background-color: rgb(196, 0,  
164) }
```

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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