

Converting Colors

$Yxy(14.5108, 0.4671, 0.2347)$

Have a look what the booklet for
Yxy(14.5108, 0.4671, 0.2347)
contains.

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Color

Yxy(14.5734, 0.4678, 0.2351)

Conversions

Conversions Part 1

Format	Color
Hex	CF0076
RGB	207, 0, 118
RGB Percent	81%, 0%, 46%
CMY	0.1883, 0.9994, 0.5373
CMYK	0.00, 1.00, 0.43, 0.19
HSL	326°, 100%, 41%
HSV	326°, 100%, 81%
XYZ	28.9980, 14.5734, 18.4167
YIQ	75.3450, 85.4940, 80.5820

Conversions

Conversions Part 2

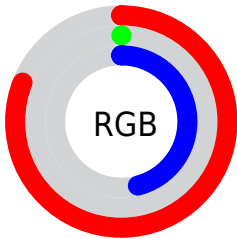
Format	Color
R_{YB}	207, 0, 118
Decimal	13566070
CIE _{Lab}	45.04, 73.48, -5.36
CIE _{LCh}	45, 73.673, 355.830
Yxy	14.5734, 0.4678, 0.2351
Android (android.graphics.Color)	4291756150 (0xFFCF0076)
YUV	75.3450, 21.0289, 115.4614
Hunter-Lab	38.1751, 68.7831, -1.8804

Details

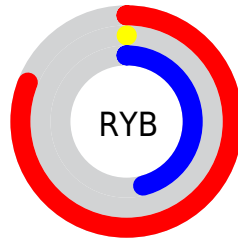
The Yxy color **14.5734, 0.4678, 0.2351** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **45.3438, 0.2791, 0.5246**, and the grayscale version is **7.0679, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.3070, 0.4175, 0.2511**, and **6.5532, 0.5006, 0.2531** is the 20% darker color. If you saturate the color by 10%, you get **14.5691, 0.4680, 0.2352**, and if you desaturate by 10%, it is **15.3238, 0.4479, 0.2302**.

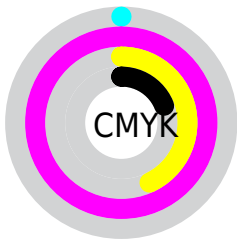
Distribution



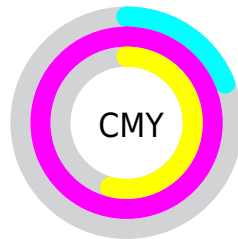
- Red (81%)
- Green (0%)
- Blue (46%)



- Red (81%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (19%)




- Cyan (19%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5734, 0.4678, 0.2351 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 14.5734, 0.4678, 0.2351 by changing the saturation by 10% instead.


 14.5734, 0.4678,
0.2351


 14.5734, 0.4678,
0.2351


220.7694, 0.3778,
0.2884


 8.5205, 0.4952,
0.2195


 34.1030, 0.4316,
0.2561


 4.4298, 0.5336,
0.1980

 48.3486, 0.4191,
0.2635


 1.9168, 0.5906,
0.1671

 66.0939, 0.4090,
0.2696


 0.5584, 0.6859,
0.1138

 87.7232, 0.4006,
0.2746

 0.0000, 1.0000,
0.0000

 113.6211, 0.3935,
0.2789

 0.0000, 0.0000,
0.0000

 144.1718, 0.3875,

0.2825

179.7597, 0.3823,
0.2856

■ 14.5734, 0.4678,
0.2351

■ 14.5734, 0.4678,
0.2351

■ 14.5691, 0.4680,
0.2352

■ 15.3238, 0.4479,
0.2302

■ 16.6597, 0.4276,
0.2300

■ 18.7716, 0.4074,
0.2349

■ 21.7630, 0.3883,
0.2441

■ 25.7214, 0.3708,
0.2563

■ 30.7235, 0.3553,
0.2704

■ 36.8385, 0.3418,
0.2853

■ 44.1292, 0.3304,
0.3004

■ 52.6542, 0.3207,
0.3151

Harmonies

Analogous

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



14.5734, 0.3105, 0.1748



14.5734, 0.4678, 0.2351



14.5734, 0.5774, 0.3095

Triad

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



14.5734, 0.4678, 0.2351



14.5734, 0.3789, 0.5890



14.5734, 0.0971, 0.1707

Complementary

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



14.5734, 0.4678, 0.2351



45.3438, 0.2791, 0.5246

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.



14.5734, 0.1042, 0.2620



14.5734, 0.4678, 0.2351



14.5734, 0.2575, 0.5972

Square

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



14.5734, 0.4678, 0.2351



14.5734, 0.4974, 0.4927



14.5734, 0.1556, 0.4373



14.5734, 0.1237, 0.1384

Rectangle

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



14.5734, 0.4678, 0.2351



14.5734, 0.5885, 0.3627



14.5734, 0.1556, 0.4373



14.5734, 0.0956, 0.1928

Sweetspot

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



14.5743, 0.4678, 0.2351



58.5782, 0.3424, 0.2847



6.5023, 0.1865, 0.0802



11.6023, 0.3479, 0.2782



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.



14.5743, 0.4678, 0.2351



23.3123, 0.4701, 0.2364



13.3085, 0.6317, 0.3254



11.9195, 0.3203, 0.3158



9.1999, 0.4654, 0.2337



0.5301, 0.4318, 0.2152

Inverse Universe

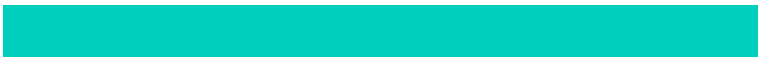
The Inverse Universe completely reimagines the original color for something new.



14.5743, 0.4678, 0.2351



23.3123, 0.4701, 0.2364



48.3265, 0.2320, 0.3550



11.9195, 0.3203, 0.3158



9.1999, 0.4654, 0.2337



0.5301, 0.4318, 0.2152

Previews

White Background



This preview shows how the Yxy color 14.5734, 0.4678, 0.2351 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 14.5734, 0.4678, 0.2351 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 14.5734, 0.4678, 0.2351

Background



This preview shows how black text looks on a background with the Yxy color 14.5734, 0.4678, 0.2351.



This preview shows how white text looks on a background with the Yxy color 14.5734, 0.4678, 0.2351.

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

14.5734, 0.4678, 0.2351

Protanopia

15.3961, 0.2275, 0.2142

Deuteranopia

15.1292, 0.3272, 0.3210



Tritanopia

14.9429, 0.5763, 0.3290

Trichromacy



Original Color

14.5734, 0.4678, 0.2351



Protanomaly

11.1144, 0.2881, 0.1900



Deuteranomaly

11.7635, 0.3836, 0.2550



Tritanomaly

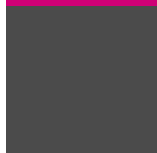
14.2470, 0.5482, 0.2939

Monochromacy



Original Color

14.5734, 0.4678, 0.2351



Achromatopsia

7.0360, 0.3127, 0.3290



Achromatomaly

7.0802, 0.3849, 0.2452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5734, 0.4678, 0.2351 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(207, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 118)  
}
```

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(207, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 118) }
```

Border

The CSS property to change the border of an element to Yxy 14.5734, 0.4678, 0.2351 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(207, 0, 118) }
```

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

```
.border{ border-color:rgb(207, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(207, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5734, 0.4678, 0.2351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 0, 118) }
```

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

```
.background{ background-color: rgb(207, 0,  
118) }
```

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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