

Converting Colors

$Y_{xy}(14.4858, 0.4692, 0.2358)$

Have a look what the booklet for
Yxy(14.4858, 0.4692, 0.2358)
contains.

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Color

Yxy(14.5498, 0.4698, 0.2362)

Conversions

Conversions Part 1

Format	Color
Hex	CF0075
RGB	207, 0, 117
RGB Percent	81%, 0%, 46%
CMY	0.1883, 0.9994, 0.5412
CMYK	0.00, 1.00, 0.43, 0.19
HSL	326°, 100%, 41%
HSV	326°, 100%, 81%
XYZ	28.9394, 14.5498, 18.1103
YIQ	75.2310, 85.8150, 80.2710

Conversions

Conversions Part 2

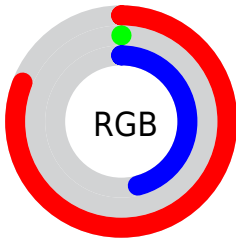
Format	Color
R_{YB}	207, 0, 117
Decimal	13566069
CIE Lab	45.01, 73.39, -4.80
CIE LCh	45, 73.549, 356.260
Yxy	14.5498, 0.4698, 0.2362
Android (android.graphics.Color)	4291756149 (0xFFCF0075)
YUV	75.2310, 20.5921, 115.5614
Hunter-Lab	38.1442, 68.6730, -1.4490

Details

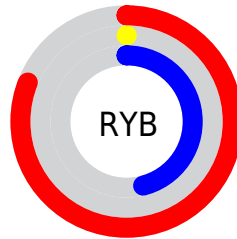
The Yxy color **14.5498, 0.4698, 0.2362** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **45.3597, 0.2787, 0.5231**, and the grayscale version is **7.0465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2693, 0.4189, 0.2520**, and **6.5407, 0.5034, 0.2547** is the 20% darker color. If you saturate the color by 10%, you get **14.5457, 0.4699, 0.2363**, and if you desaturate by 10%, it is **15.3004, 0.4497, 0.2312**.

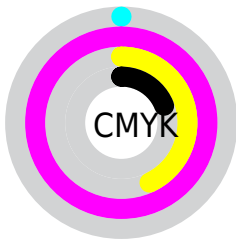
Distribution



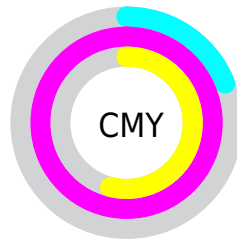
- Red (81%)
- Green (0%)
- Blue (46%)



- 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 14.5498, 0.4698, 0.2362 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 14.5498, 0.4698, 0.2362 by changing the saturation by 10% instead.


 14.5498, 0.4698,
0.2362


 14.5498, 0.4698,
0.2362


220.6249, 0.3785,
0.2890


 8.5040, 0.4976,
0.2206


 34.0614, 0.4331,
0.2571


 4.4191, 0.5367,
0.1992

 48.2961, 0.4204,
0.2644


 1.9107, 0.5946,
0.1683

 66.0292, 0.4101,
0.2704

 0.5548, 0.6916,
0.1145

 87.6451, 0.4016,
0.2754

 0.0000, 1.0000,
0.0000

 113.5282, 0.3945,
0.2796

 0.0000, 0.0000,
0.0000

 144.0630, 0.3884,

0.2832

179.6337, 0.3831,
0.2863

■ 14.5498, 0.4698,
0.2362

■ 14.5498, 0.4698,
0.2362

■ 14.5457, 0.4699,
0.2363

■ 15.3004, 0.4497,
0.2312

■ 16.6368, 0.4290,
0.2309

■ 18.7495, 0.4086,
0.2357

■ 21.7420, 0.3892,
0.2448

■ 25.7020, 0.3714,
0.2569

■ 30.7062, 0.3557,
0.2708

■ 36.8237, 0.3421,
0.2857

■ 44.1174, 0.3305,
0.3006

■ 52.6458, 0.3208,
0.3152

Harmonies

Analogous

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



14.5498, 0.3126, 0.1756



14.5498, 0.4698, 0.2362



14.5498, 0.5779, 0.3107

Triad

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



14.5498, 0.4698, 0.2362



14.5498, 0.3772, 0.5898



14.5498, 0.0974, 0.1701

Complementary

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



14.5498, 0.4698, 0.2362



45.3597, 0.2787, 0.5231

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.



14.5498, 0.1040, 0.2602



14.5498, 0.4698, 0.2362



14.5498, 0.2559, 0.5957

Square

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



14.5498, 0.4698, 0.2362



14.5498, 0.4958, 0.4941



14.5498, 0.1547, 0.4343



14.5498, 0.1244, 0.1384

Rectangle

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



14.5498, 0.4698, 0.2362



14.5498, 0.5880, 0.3640



14.5498, 0.1547, 0.4343



14.5498, 0.0957, 0.1919

Sweetspot

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



14.5507, 0.4698, 0.2362



58.5588, 0.3427, 0.2850



6.6702, 0.1894, 0.0817



11.5977, 0.3483, 0.2786



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.



14.5507, 0.4698, 0.2362



23.2751, 0.4722, 0.2375



13.2980, 0.6337, 0.3265



11.9185, 0.3203, 0.3159



9.1853, 0.4673, 0.2348



0.5294, 0.4333, 0.2160

Inverse Universe

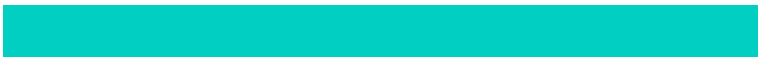
The Inverse Universe completely reimagines the original color for something new.



14.5507, 0.4698, 0.2362



23.2751, 0.4722, 0.2375



48.4780, 0.2305, 0.3496



11.9185, 0.3203, 0.3159



9.1853, 0.4673, 0.2348



0.5294, 0.4333, 0.2160

Previews

White Background



This preview shows how the Yxy color 14.5498, 0.4698, 0.2362 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 14.5498, 0.4698, 0.2362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

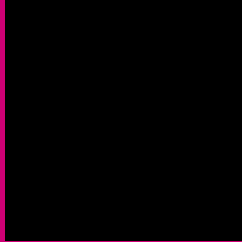
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.5498, 0.4698, 0.2362

Background



This preview shows how black text looks on a background with the Yxy color 14.5498, 0.4698, 0.2362.



This preview shows how white text looks on a background with the Yxy color 14.5498, 0.4698, 0.2362.

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

14.5498, 0.4698, 0.2362

Protanopia

15.3210, 0.2288, 0.2169

Deuteranopia

15.1078, 0.3286, 0.3230



Tritanopia

14.8557, 0.5784, 0.3290

Trichromacy



Original Color

14.5498, 0.4698, 0.2362



Protanomaly

11.0500, 0.2907, 0.1924



Deuteranomaly

11.7413, 0.3855, 0.2566



Tritanomaly

14.1840, 0.5504, 0.2945

Monochromacy



Original Color

14.5498, 0.4698, 0.2362



Achromatopsia

7.0360, 0.3127, 0.3290



Achromatomaly

7.0630, 0.3873, 0.2471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5498, 0.4698, 0.2362 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, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 117)  
}
```

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, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 117) }
```

Border

The CSS property to change the border of an element to Yxy 14.5498, 0.4698, 0.2362 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, 117) }
```

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

```
.border{ border-color:rgb(207, 0, 117) }
```

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, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5498, 0.4698, 0.2362 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, 117) }
```

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

```
.background{ background-color: rgb(207, 0,  
117) }
```

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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