

Converting Colors

$Yxy(14.4338, 0.4738, 0.2384)$

Have a look what the booklet for
Yxy(14.4338, 0.4738, 0.2384)
contains.

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Color

Yxy(14.5032, 0.4739, 0.2384)

Conversions

Conversions Part 1

Format	Color
Hex	CF0073
RGB	207, 0, 115
RGB Percent	81%, 0%, 45%
CMY	0.1882, 1.0000, 0.5490
CMYK	0.00, 1.00, 0.44, 0.19
HSL	327°, 100%, 41%
HSV	327°, 100%, 81%
XYZ	28.8300, 14.5032, 17.5024
YIQ	75.0030, 86.4570, 79.6490

Conversions

Conversions Part 2

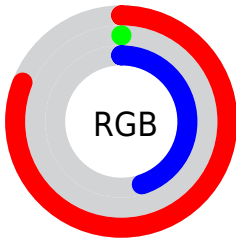
Format	Color
RYB	207, 0, 115
Decimal	13566067
CIELab	44.95, 73.25, -3.67
CIElCh	45, 73.341, 357.135
Yxy	14.5032, 0.4739, 0.2384
Android (android.graphics.Color)	4291756147 (0xFFCF0073)
YUV	75.0030, 19.7185, 115.7614
Hunter-Lab	38.0831, 68.4843, -0.5906

Details

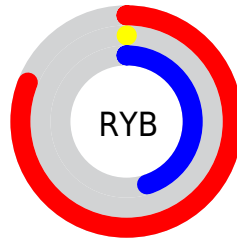
The Yxy color **14.5032, 0.4739, 0.2384** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **45.4051, 0.2779, 0.5203**, and the grayscale version is **6.9897, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.1948, 0.4216, 0.2540**, and **6.5162, 0.5091, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **14.5054, 0.4739, 0.2384**, and if you desaturate by 10%, it is **15.2534, 0.4532, 0.2331**.

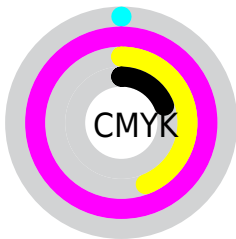
Distribution



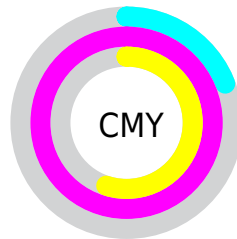
- Red (81%)
- Green (0%)
- Blue (45%)



- Red (81%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (19%)




- Cyan (19%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.5032, 0.4739, 0.2384 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 14.5032, 0.4739, 0.2384 by changing the saturation by 10% instead.


 14.5032, 0.4739,
0.2384


 14.5032, 0.4739,
0.2384


220.3392, 0.3800,
0.2903


 8.4715, 0.5026,
0.2230


 33.9793, 0.4361,
0.2590


 4.3981, 0.5429,
0.2016

 48.1924, 0.4231,
0.2662


 1.8986, 0.6027,
0.1706

 65.9014, 0.4125,
0.2721

 0.5476, 0.7037,
0.1159

 87.4908, 0.4037,
0.2770

 0.0000, 1.0000,
0.0000

 113.3448, 0.3964,
0.2811

 0.0000, 0.0000,
0.0000

 143.8480, 0.3901,

0.2846

179.3846, 0.3847,
0.2877

■ 14.5032, 0.4739,
0.2384

■ 14.5032, 0.4739,
0.2384

■ 14.5054, 0.4739,
0.2384

■ 15.2534, 0.4532,
0.2331

■ 16.5861, 0.4320,
0.2326

■ 18.6954, 0.4110,
0.2372

■ 21.6850, 0.3910,
0.2460

■ 25.6427, 0.3728,
0.2579

■ 30.6453, 0.3567,
0.2716

■ 36.7620, 0.3428,
0.2862

■ 44.0560, 0.3310,
0.3010

■ 52.5856, 0.3210,
0.3153

Harmonies

Analogous

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



14.5032, 0.3169, 0.1772



14.5032, 0.4739, 0.2384



14.5032, 0.5790, 0.3130

Triad

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



14.5032, 0.4739, 0.2384



14.5032, 0.3736, 0.5915



14.5032, 0.0980, 0.1687

Complementary

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



14.5032, 0.4739, 0.2384



45.4051, 0.2779, 0.5203

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.



14.5032, 0.1035, 0.2565



14.5032, 0.4739, 0.2384



14.5032, 0.2527, 0.5926

Square

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



14.5032, 0.4739, 0.2384



14.5032, 0.4926, 0.4972



14.5032, 0.1527, 0.4282



14.5032, 0.1260, 0.1383

Rectangle

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



14.5032, 0.4739, 0.2384



14.5032, 0.5870, 0.3665



14.5032, 0.1527, 0.4282



14.5032, 0.0960, 0.1899

Sweetspot

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



14.5054, 0.4739, 0.2384



58.5206, 0.3433, 0.2857



6.6646, 0.1893, 0.0816



11.5886, 0.3490, 0.2794



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.



14.5054, 0.4739, 0.2384



23.2031, 0.4762, 0.2397



13.2986, 0.6338, 0.3265



11.9166, 0.3205, 0.3162



9.1570, 0.4712, 0.2369



0.5279, 0.4362, 0.2177

Inverse Universe

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



14.5054, 0.4739, 0.2384



23.2031, 0.4762, 0.2397



48.4921, 0.2304, 0.3496



11.9166, 0.3205, 0.3162



9.1570, 0.4712, 0.2369



0.5279, 0.4362, 0.2177

Previews

White Background



This preview shows how the Yxy color 14.5032, 0.4739, 0.2384 looks on a white background.

Color Contrast Check

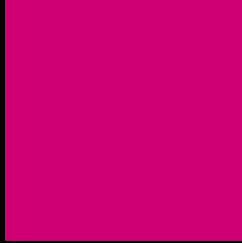
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.5032, 0.4739, 0.2384 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 14.5032, 0.4739, 0.2384

Background



This preview shows how black text looks on a background with the Yxy color 14.5032, 0.4739, 0.2384.



This preview shows how white text looks on a background with the Yxy color 14.5032, 0.4739, 0.2384.

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

14.5032, 0.4739, 0.2384

Protanopia

15.3433, 0.2319, 0.2202

Deuteranopia

15.1368, 0.3327, 0.3271



Tritanopia

14.8478, 0.5797, 0.3298

Trichromacy



Original Color

14.5032, 0.4739, 0.2384



Protanomaly

11.0661, 0.2948, 0.1954



Deuteranomaly

11.7938, 0.3909, 0.2602



Tritanomaly

14.1710, 0.5522, 0.2955

Monochromacy



Original Color

14.5032, 0.4739, 0.2384



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 14.5032, 0.4739, 0.2384 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(207, 0, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 0, 115) }
```

Border

The CSS property to change the border of an element to Yxy 14.5032, 0.4739, 0.2384 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, 115) }
```

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

```
.border{ border-color:rgb(207, 0, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(207, 0,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5032, 0.4739, 0.2384 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, 115) }
```

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

```
.background{ background-color: rgb(207, 0,  
115) }
```

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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