

Converting Colors

$Y_{xy}(14.0769, 0.4701, 0.2363)$

Have a look what the booklet for
Yxy(14.0769, 0.4701, 0.2363)
contains.

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Color

Yxy(14.0752, 0.4703, 0.2364)

Conversions

Conversions Part 1

Format	Color
Hex	CC0073
RGB	204, 0, 115
RGB Percent	80%, 0%, 45%
CMY	0.1999, 1.0000, 0.5490
CMYK	0.00, 1.00, 0.44, 0.20
HSL	326°, 100%, 40%
HSV	326°, 100%, 80%
XYZ	28.0016, 14.0752, 17.4630
YIQ	74.1060, 84.6690, 79.0130

Conversions

Conversions Part 2

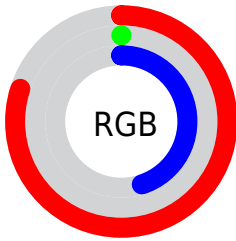
Format	Color
RYB	204, 0, 115
Decimal	13369459
CIELab	44.34, 72.61, -4.63
CIELCh	44, 72.757, 356.353
Yxy	14.0752, 0.4703, 0.2364
Android (android.graphics.Color)	4291559539 (0xFFCC0073)
YUV	74.1060, 20.1607, 113.9170
Hunter-Lab	37.5169, 67.5726, -1.3359

Details

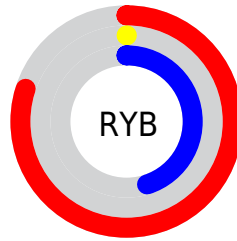
The Yxy color **14.0752, 0.4703, 0.2364** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **43.9184, 0.2785, 0.5227**, and the grayscale version is **6.8213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.0295, 0.4219, 0.2532**, and **6.2449, 0.5047, 0.2554** is the 20% darker color. If you saturate the color by 10%, you get **14.0787, 0.4703, 0.2364**, and if you desaturate by 10%, it is **14.8083, 0.4501, 0.2314**.

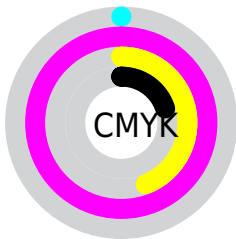
Distribution



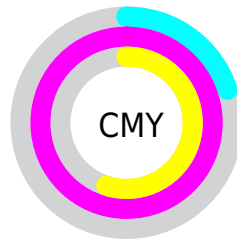
- Red (80%)
- Green (0%)
- Blue (45%)



- Red (80%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0752, 0.4703, 0.2364 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 14.0752, 0.4703, 0.2364 by changing the saturation by 10% instead.


 14.0752, 0.4703,
0.2364


 14.0752, 0.4703,
0.2364


217.6981, 0.3783,
0.2894

 8.1730, 0.4986,
0.2207


 33.2224, 0.4332,
0.2575


 4.2058, 0.5384,
0.1989


 47.2362, 0.4204,
0.2648

 1.7894, 0.5979,
0.1672

 64.7226, 0.4100,
0.2708

 0.4805, 0.7023,
0.1078

 86.0661, 0.4015,
0.2758

 0.0000, 1.0000,
0.0000

 111.6509, 0.3943,
0.2800

 0.0000, 0.0000,
0.0000

 141.8617, 0.3881,

0.2836

177.0826, 0.3829,
0.2867

■ 14.0752, 0.4703,
0.2364

■ 14.0752, 0.4703,
0.2364

■ 14.0787, 0.4703,
0.2364

■ 14.8083, 0.4501,
0.2314

■ 16.1013, 0.4294,
0.2311

■ 18.1447, 0.4089,
0.2359

■ 21.0384, 0.3894,
0.2449

■ 24.8669, 0.3716,
0.2570

■ 29.7044, 0.3559,
0.2709

■ 35.6176, 0.3423,
0.2857

■ 42.6674, 0.3306,
0.3006

■ 50.9101, 0.3209,
0.3152

Harmonies

Analogous

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



14.0752, 0.3131, 0.1758



14.0752, 0.4703, 0.2364



14.0752, 0.5781, 0.3109

Triad

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



14.0752, 0.4703, 0.2364



14.0752, 0.3768, 0.5902



14.0752, 0.0974, 0.1699

Complementary

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



14.0752, 0.4703, 0.2364



43.9184, 0.2785, 0.5227

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.



14.0752, 0.1039, 0.2597



14.0752, 0.4703, 0.2364



14.0752, 0.2555, 0.5955

Square

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



14.0752, 0.4703, 0.2364



14.0752, 0.4958, 0.4948



14.0752, 0.1544, 0.4337



14.0752, 0.1246, 0.1383

Rectangle

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



14.0752, 0.4703, 0.2364



14.0752, 0.5880, 0.3642



14.0752, 0.1544, 0.4337



14.0752, 0.0957, 0.1916

Sweetspot

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



14.0787, 0.4703, 0.2364



58.5539, 0.3427, 0.2851



6.4555, 0.1894, 0.0817



11.5965, 0.3483, 0.2787



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.



14.0787, 0.4703, 0.2364



23.2658, 0.4727, 0.2378



12.8713, 0.6337, 0.3265



11.3178, 0.3203, 0.3160



8.8780, 0.4676, 0.2350



0.4731, 0.4313, 0.2150

Inverse Universe

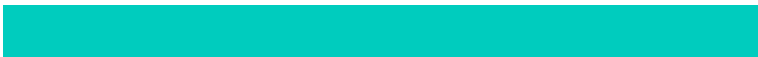
The Inverse Universe completely reimagines the original color for something new.



14.0787, 0.4703, 0.2364



23.2658, 0.4727, 0.2378



46.9331, 0.2304, 0.3496



11.3178, 0.3203, 0.3160



8.8780, 0.4676, 0.2350



0.4731, 0.4313, 0.2150

Previews

White Background



This preview shows how the Yxy color 14.0752, 0.4703, 0.2364 looks on a white background.

Color Contrast Check

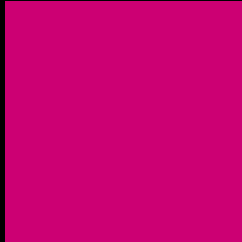
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.0752, 0.4703, 0.2364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

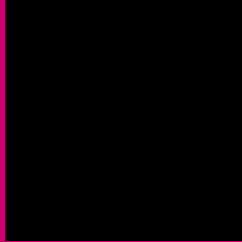
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.0752, 0.4703, 0.2364

Background



This preview shows how black text looks on a background with the Yxy color 14.0752, 0.4703, 0.2364.



This preview shows how white text looks on a background with the Yxy color 14.0752, 0.4703, 0.2364.

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

14.0752, 0.4703, 0.2364

Protanopia

14.7511, 0.2294, 0.2170

Deuteranopia

14.7928, 0.3301, 0.3250



Tritanopia

14.4306, 0.5779, 0.3298

Trichromacy



Original Color

14.0752, 0.4703, 0.2364



Protanomaly

10.7101, 0.2904, 0.1923



Deuteranomaly

11.3901, 0.3864, 0.2574



Tritanomaly

13.7512, 0.5498, 0.2946

Monochromacy



Original Color

14.0752, 0.4703, 0.2364



Achromatopsia

6.8478, 0.3127, 0.3290



Achromatomaly

6.8192, 0.3861, 0.2459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0752, 0.4703, 0.2364 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(204, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(204, 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(204, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 0, 115) }
```

Border

The CSS property to change the border of an element to Yxy 14.0752, 0.4703, 0.2364 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(204, 0, 115) }
```

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

```
.border{ border-color:rgb(204, 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(204, 0, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(204, 0,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0752, 0.4703, 0.2364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 0, 115) }
```

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

```
.background{ background-color: rgb(204, 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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