

Converting Colors

$Yxy(14.8368, 0.4738, 0.2384)$

Have a look what the booklet for
Yxy(14.8368, 0.4738, 0.2384)
contains.

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Color

Yxy(14.8163, 0.4742, 0.2386)

Conversions

Conversions Part 1

Format	Color
Hex	D10074
RGB	209, 0, 116
RGB Percent	82%, 0%, 45%
CMY	0.1804, 0.9997, 0.5451
CMYK	0.00, 1.00, 0.44, 0.18
HSL	327°, 100%, 41%
HSV	327°, 100%, 82%
XYZ	29.4463, 14.8163, 17.8342
YIQ	75.7150, 87.3280, 80.3840

Conversions

Conversions Part 2

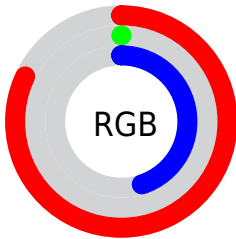
Format	Color
R_{YB}	209, 0, 116
Decimal	13697140
CIE Lab	45.38, 73.75, -3.60
CIE LCh	45, 73.837, 357.207
Yxy	14.8163, 0.4742, 0.2386
Android (android.graphics.Color)	4291887220 (0xFFD10074)
YUV	75.7150, 19.8605, 116.8909
Hunter-Lab	38.4919, 69.1915, -0.5261

Details

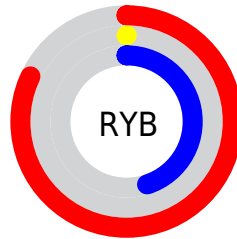
The Yxy color **14.8163, 0.4742, 0.2386** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **46.3899, 0.2778, 0.5202**, and the grayscale version is **7.1310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **31.2319, 0.4202, 0.2530**, and **6.7133, 0.5092, 0.2579** is the 20% darker color. If you saturate the color by 10%, you get **14.8151, 0.4743, 0.2386**, and if you desaturate by 10%, it is **15.5783, 0.4535, 0.2333**.

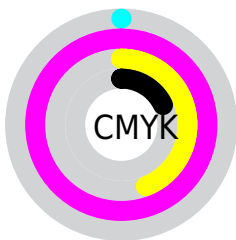
Distribution



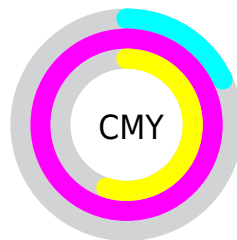
- Red (82%)
- Green (0%)
- Blue (45%)



- Red (82%)
- Yellow (0%)
- Blue (45%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (18%)





- Cyan (18%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.8163, 0.4742, 0.2386 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 14.8163, 0.4742, 0.2386 by changing the saturation by 10% instead.


 14.8163, 0.4742,
0.2386


 14.8163, 0.4742,
0.2386


222.2516, 0.3804,
0.2903


 8.6906, 0.5027,
0.2233


 34.5306, 0.4365,
0.2591


 4.5399, 0.5427,
0.2022

 48.8879, 0.4235,
0.2663


 1.9799, 0.6018,
0.1716

 66.7579, 0.4129,
0.2721

 0.5958, 0.6989,
0.1199

 88.5250, 0.4042,
0.2770

 0.0000, 1.0000,
0.0000

 114.5735, 0.3968,
0.2811

 0.0000, 0.0000,
0.0000

 145.2878, 0.3905,

0.2846

181.0524, 0.3851,
0.2876

■ 14.8163, 0.4742,
0.2386

■ 14.8163, 0.4742,
0.2386

■ 14.8151, 0.4743,
0.2386

■ 15.5783, 0.4535,
0.2333

■ 16.9393, 0.4322,
0.2327

■ 19.0945, 0.4111,
0.2373

■ 22.1502, 0.3911,
0.2461

■ 26.1960, 0.3729,
0.2580

■ 31.3108, 0.3568,
0.2717

■ 37.5653, 0.3428,
0.2863

■ 45.0241, 0.3310,
0.3010

■ 53.7470, 0.3210,
0.3154

Harmonies

Analogous

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



14.8163, 0.3173, 0.1774



14.8163, 0.4742, 0.2386



14.8163, 0.5790, 0.3133

Triad

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



14.8163, 0.4742, 0.2386



14.8163, 0.3733, 0.5916



14.8163, 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.



14.8163, 0.4742, 0.2386



46.3899, 0.2778, 0.5202

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.



14.8163, 0.1035, 0.2563



14.8163, 0.4742, 0.2386



14.8163, 0.2524, 0.5923

Square

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



14.8163, 0.4742, 0.2386



14.8163, 0.4922, 0.4973



14.8163, 0.1525, 0.4277



14.8163, 0.1261, 0.1383

Rectangle

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



14.8163, 0.4742, 0.2386



14.8163, 0.5868, 0.3668



14.8163, 0.1525, 0.4277



14.8163, 0.0960, 0.1898

Sweetspot

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



14.8172, 0.4742, 0.2386



58.5181, 0.3433, 0.2858



6.8086, 0.1893, 0.0816



11.5880, 0.3490, 0.2795



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.



14.8172, 0.4742, 0.2386



23.1984, 0.4764, 0.2398



13.5876, 0.6338, 0.3266



11.9165, 0.3205, 0.3162



9.1552, 0.4714, 0.2371



0.5278, 0.4364, 0.2178

Inverse Universe

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



14.8172, 0.4742, 0.2386



23.1984, 0.4764, 0.2398



49.5418, 0.2305, 0.3496



11.9165, 0.3205, 0.3162



9.1552, 0.4714, 0.2371



0.5278, 0.4364, 0.2178

Previews

White Background



This preview shows how the Yxy color 14.8163, 0.4742, 0.2386 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 14.8163, 0.4742, 0.2386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

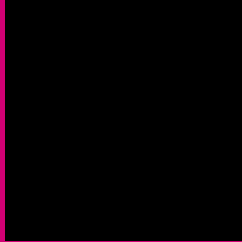
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.8163, 0.4742, 0.2386

Background



This preview shows how black text looks on a background with the Yxy color 14.8163, 0.4742, 0.2386.



This preview shows how white text looks on a background with the Yxy color 14.8163, 0.4742, 0.2386.

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

14.8163, 0.4742, 0.2386

Protanopia

15.6390, 0.2324, 0.2209

Deuteranopia

15.4346, 0.3326, 0.3271



Tritanopia

15.1384, 0.5796, 0.3290

Trichromacy



Original Color

14.8163, 0.4742, 0.2386



Protanomaly

11.3809, 0.2965, 0.1968



Deuteranomaly

11.9124, 0.3906, 0.2591



Tritanomaly

14.4684, 0.5520, 0.2951

Monochromacy



Original Color

14.8163, 0.4742, 0.2386



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.1543, 0.3869, 0.2459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.8163, 0.4742, 0.2386 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(209, 0, 116)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 116)  
}
```

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(209, 0, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 116) }
```

Border

The CSS property to change the border of an element to Yxy 14.8163, 0.4742, 0.2386 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(209, 0, 116) }
```

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

```
.border{ border-color:rgb(209, 0, 116) }
```

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

Here you see how a box with a 4 pixel rgb(209, 0, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 116);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 14.8163, 0.4742, 0.2386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 116) }
```

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

```
.background{ background-color: rgb(209, 0,  
116) }
```

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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