

Converting Colors

$Y_{xy}(14.9025, 0.5058, 0.2560)$

Have a look what the booklet for
Yxy(14.9025, 0.5058, 0.2560)
contains.

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Color

Yxy(14.9564, 0.5059, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	D40066
RGB	212, 0, 102
RGB Percent	83%, 0%, 40%
CMY	0.1687, 0.9992, 0.6000
CMYK	0.00, 1.00, 0.52, 0.17
HSL	331°, 100%, 42%
HSV	331°, 100%, 83%
XYZ	29.5449, 14.9564, 13.8993
YIQ	75.0160, 93.6100, 76.6660

Conversions

Conversions Part 2

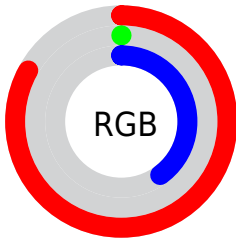
Format	Color
R_{YB}	212, 0, 102
Decimal	13893734
CIE _{Lab}	45.57, 73.30, 5.46
CIE _{LCh}	46, 73.498, 4.260
Yxy	14.9564, 0.5059, 0.2561
Android (android.graphics.Color)	4292083814 (0xFFD40066)
YUV	75.0160, 13.3031, 120.1350
Hunter-Lab	38.6735, 68.6876, 5.7625

Details

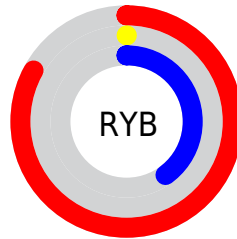
The Yxy color **14.9564, 0.5059, 0.2561** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **48.2068, 0.2710, 0.4955**, and the grayscale version is **7.0227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.7047, 0.4410, 0.2678**, and **6.7696, 0.5445, 0.2773** is the 20% darker color. If you saturate the color by 10%, you get **14.9510, 0.5061, 0.2562**, and if you desaturate by 10%, it is **15.7371, 0.4810, 0.2490**.

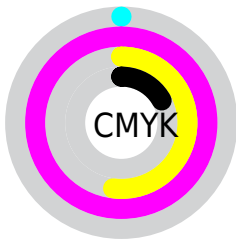
Distribution



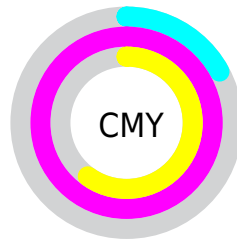
- Red (83%)
- Green (0%)
- Blue (40%)



- Red (83%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (17%)




- Cyan (17%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9564, 0.5059, 0.2561 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 14.9564, 0.5059, 0.2561 by changing the saturation by 10% instead.


 14.9564, 0.5059,
0.2561


 14.9564, 0.5059,
0.2561


223.1022, 0.3927,
0.3003


 8.7888, 0.5404,
0.2418


 34.7767, 0.4603,
0.2744


 4.6037, 0.5886,
0.2214

 49.1981, 0.4445,
0.2806


 2.0167, 0.6588,
0.1903

 67.1397, 0.4318,
0.2855

 0.6171, 0.7940,
0.1401

 88.9856, 0.4212,
0.2896

 0.0000, 1.0000,
0.0000

 115.1205, 0.4124,
0.2929

 0.0000, 0.0000,
0.0000

 145.9286, 0.4048,

0.2958

181.7944, 0.3984,
0.2982

■ 14.9564, 0.5059,
0.2561

■ 14.9564, 0.5059,
0.2561

■ 14.9510, 0.5061,
0.2562

■ 15.7371, 0.4810,
0.2490

■ 17.1477, 0.4552,
0.2467

■ 19.3869, 0.4294,
0.2497

■ 22.5653, 0.4051,
0.2569

■ 26.7760, 0.3831,
0.2671

■ 32.1009, 0.3639,
0.2791

■ 38.6136, 0.3475,
0.2919

■ 46.3813, 0.3337,
0.3048

■ 55.4662, 0.3222,
0.3173

Harmonies

Analogous

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



14.9564, 0.3531, 0.1905



14.9564, 0.5059, 0.2561



14.9564, 0.5857, 0.3321

Triad

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



14.9564, 0.5059, 0.2561



14.9564, 0.3450, 0.6035



14.9564, 0.1026, 0.1585

Complementary

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



14.9564, 0.5059, 0.2561



48.2068, 0.2710, 0.4955

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.



14.9564, 0.1000, 0.2294



14.9564, 0.5059, 0.2561



14.9564, 0.2265, 0.5636

Square

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



14.9564, 0.5059, 0.2561



14.9564, 0.4657, 0.5215



14.9564, 0.1373, 0.3808



14.9564, 0.1390, 0.1376

Rectangle

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



14.9564, 0.5059, 0.2561



14.9564, 0.5772, 0.3873



14.9564, 0.1373, 0.3808



14.9564, 0.0981, 0.1752

Sweetspot

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



14.9573, 0.5059, 0.2561



58.2204, 0.3481, 0.2914



8.0472, 0.2048, 0.0902



11.5176, 0.3548, 0.2859



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.



14.9573, 0.5059, 0.2561



22.6794, 0.5085, 0.2575



14.0751, 0.6389, 0.3308



12.5193, 0.3217, 0.3178



9.2522, 0.5029, 0.2544



0.5747, 0.4632, 0.2325

Inverse Universe

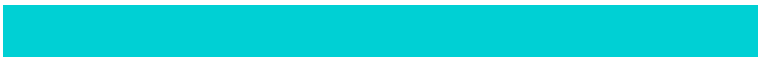
The Inverse Universe completely reimagines the original color for something new.



14.9573, 0.5059, 0.2561



22.6794, 0.5085, 0.2575



50.0842, 0.2233, 0.3236



12.5193, 0.3217, 0.3178



9.2522, 0.5029, 0.2544



0.5747, 0.4632, 0.2325

Previews

White Background



This preview shows how the Yxy color 14.9564, 0.5059, 0.2561 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 14.9564, 0.5059, 0.2561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

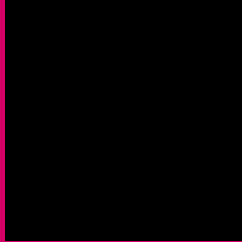
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.9564, 0.5059, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 14.9564, 0.5059, 0.2561.



This preview shows how white text looks on a background with the Yxy color 14.9564, 0.5059, 0.2561.

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

14.9564, 0.5059, 0.2561

Protanopia

15.7280, 0.2578, 0.2541

Deuteranopia

15.6104, 0.3608, 0.3546



Tritanopia

15.2944, 0.5936, 0.3305

Trichromacy



Original Color

14.9564, 0.5059, 0.2561



Protanomaly

11.4704, 0.3322, 0.2236



Deuteranomaly

12.2479, 0.4252, 0.2849



Tritanomaly

14.7993, 0.5713, 0.3037

Monochromacy



Original Color

14.9564, 0.5059, 0.2561



Achromatopsia

7.0360, 0.3127, 0.3290



Achromatomaly

7.1298, 0.4032, 0.2577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9564, 0.5059, 0.2561 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(212, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 102)  
}
```

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(212, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.9564, 0.5059, 0.2561 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(212, 0, 102) }
```

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

```
.border{ border-color:rgb(212, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9564, 0.5059, 0.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 102) }
```

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

```
.background{ background-color: rgb(212, 0,  
102) }
```

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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