

Converting Colors

$Yxy(15.2983, 0.5069, 0.2566)$

Have a look what the booklet for
Yxy(15.2983, 0.5069, 0.2566)
contains.

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Color

Yxy(15.2754, 0.5060, 0.2561)

Conversions

Conversions Part 1

Format	Color
Hex	D60067
RGB	214, 0, 103
RGB Percent	84%, 0%, 40%
CMY	0.1608, 1.0000, 0.5961
CMYK	0.00, 1.00, 0.52, 0.16
HSL	331°, 100%, 42%
HSV	331°, 100%, 84%
XYZ	30.1810, 15.2754, 14.1898
YIQ	75.7280, 94.4810, 77.4010

Conversions

Conversions Part 2

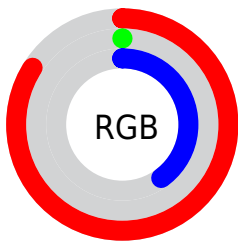
Format	Color
R_{YB}	214, 0, 103
Decimal	14024807
CIE _{Lab}	46.01, 73.84, 5.51
CIE _{LCh}	46, 74.041, 4.270
Yxy	15.2754, 0.5060, 0.2561
Android (android.graphics.Color)	4292214887 (0xFFD60067)
YUV	75.7280, 13.4451, 121.2645
Hunter-Lab	39.0838, 69.4435, 5.8327

Details

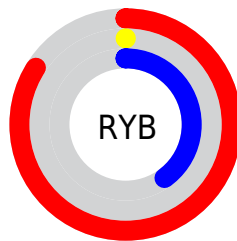
The Yxy color **15.2754, 0.5060, 0.2561** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **49.2438, 0.2711, 0.4960**, and the grayscale version is **7.1377, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.9054, 0.4392, 0.2676**, and **6.9708, 0.5442, 0.2771** is the 20% darker color. If you saturate the color by 10%, you get **15.2762, 0.5060, 0.2561**, and if you desaturate by 10%, it is **16.0655, 0.4812, 0.2490**.

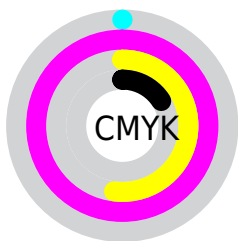
Distribution



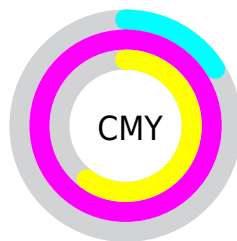
- Red (84%)
- Green (0%)
- Blue (40%)



- Red (84%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (52%)
- Black (16%)




- Cyan (16%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2754, 0.5060, 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 15.2754, 0.5060, 0.2561 by changing the saturation by 10% instead.


 15.2754, 0.5060,
0.2561


 15.2754, 0.5060,
0.2561


225.0271, 0.3931,
0.3002


 9.0129, 0.5403,
0.2420


 35.3356, 0.4606,
0.2743


 4.7496, 0.5879,
0.2217

 49.9021, 0.4449,
0.2805

 2.1011, 0.6571,
0.1911

 68.0053, 0.4322,
0.2854

 0.6652, 0.7843,
0.1429

 90.0298, 0.4216,
0.2894

 0.0000, 1.0000,
0.0000

 116.3598, 0.4128,
0.2928

 0.0000, 0.0000,
0.0000

 147.3797, 0.4052,

0.2957

183.4741, 0.3987,
0.2981

■ 15.2754, 0.5060,
0.2561

■ 15.2754, 0.5060,
0.2561

■ 15.2762, 0.5060,
0.2561

■ 16.0655, 0.4812,
0.2490

■ 17.4964, 0.4553,
0.2466

■ 19.7731, 0.4296,
0.2495

■ 23.0090, 0.4053,
0.2567

■ 27.2997, 0.3833,
0.2669

■ 32.7290, 0.3641,
0.2789

■ 39.3723, 0.3476,
0.2917

■ 47.2986, 0.3338,
0.3046

■ 56.5713, 0.3222,
0.3171

Harmonies

Analogous

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



15.2754, 0.3532, 0.1905



15.2754, 0.5060, 0.2561



15.2754, 0.5858, 0.3321

Triad

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



15.2754, 0.5060, 0.2561



15.2754, 0.3450, 0.6036



15.2754, 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.



15.2754, 0.5060, 0.2561



49.2438, 0.2711, 0.4960

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.



15.2754, 0.0999, 0.2294



15.2754, 0.5060, 0.2561



15.2754, 0.2264, 0.5637

Square

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



15.2754, 0.5060, 0.2561



15.2754, 0.4655, 0.5214



15.2754, 0.1372, 0.3807



15.2754, 0.1390, 0.1375

Rectangle

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



15.2754, 0.5060, 0.2561



15.2754, 0.5773, 0.3873



15.2754, 0.1372, 0.3807



15.2754, 0.0980, 0.1751

Sweetspot

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



15.2763, 0.5060, 0.2561



58.2228, 0.3481, 0.2913



8.2071, 0.2047, 0.0901



11.5182, 0.3548, 0.2858



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.



15.2763, 0.5060, 0.2561



22.6833, 0.5082, 0.2573



14.3745, 0.6391, 0.3308



12.5194, 0.3216, 0.3178



9.2538, 0.5026, 0.2542



0.5748, 0.4630, 0.2324

Inverse Universe

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



15.2763, 0.5060, 0.2561



22.6833, 0.5082, 0.2573



51.1654, 0.2232, 0.3236



12.5194, 0.3216, 0.3178



9.2538, 0.5026, 0.2542



0.5748, 0.4630, 0.2324

Previews

White Background



This preview shows how the Yxy color 15.2754, 0.5060, 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 15.2754, 0.5060, 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 15.2754, 0.5060, 0.2561

Background



This preview shows how black text looks on a background with the Yxy color 15.2754, 0.5060, 0.2561.



This preview shows how white text looks on a background with the Yxy color 15.2754, 0.5060, 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

15.2754, 0.5060, 0.2561

Protanopia

16.0311, 0.2582, 0.2546

Deuteranopia

15.9127, 0.3603, 0.3544



Tritanopia

15.5949, 0.5934, 0.3298

Trichromacy



Original Color

15.2754, 0.5060, 0.2561



Protanomaly

11.7090, 0.3320, 0.2242



Deuteranomaly

12.3682, 0.4247, 0.2836



Tritanomaly

15.1060, 0.5710, 0.3032

Monochromacy



Original Color

15.2754, 0.5060, 0.2561



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.2214, 0.4027, 0.2564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2754, 0.5060, 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(214, 0, 103)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 103)  
}
```

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(214, 0, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 103) }
```

Border

The CSS property to change the border of an element to Yxy 15.2754, 0.5060, 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(214, 0, 103) }
```

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

```
.border{ border-color:rgb(214, 0, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 0, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 103);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2754, 0.5060, 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(214, 0, 103) }
```

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

```
.background{ background-color: rgb(214, 0,  
103) }
```

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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