

Converting Colors

Yxy(15.4914, 0.5101, 0.2584)

Have a look what the booklet for
Yxy(15.4914, 0.5101, 0.2584)
contains.

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Color

Yxy(15.5582, 0.5100, 0.2583)

Conversions

Conversions Part 1

Format	Color
Hex	D80066
RGB	216, 0, 102
RGB Percent	85%, 0%, 40%
CMY	0.1529, 1.0000, 0.6000
CMYK	0.00, 1.00, 0.53, 0.15
HSL	332°, 100%, 42%
HSV	332°, 100%, 85%
XYZ	30.7189, 15.5582, 13.9560
YIQ	76.2120, 95.9940, 77.5140

Conversions

Conversions Part 2

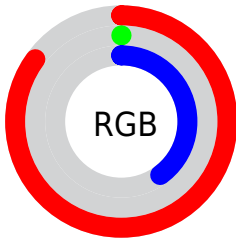
Format	Color
R_{YB}	216, 0, 102
Decimal	14155878
CIE _{Lab}	46.39, 74.21, 6.73
CIE _{LCh}	46, 74.515, 5.181
Yxy	15.5582, 0.5100, 0.2583
Android (android.graphics.Color)	4292345958 (0xFFD80066)
YUV	76.2120, 12.7135, 122.5941
Hunter-Lab	39.4439, 69.9888, 6.6328

Details

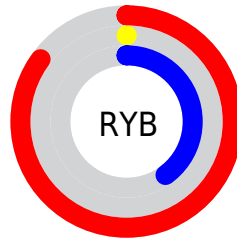
The Yxy color **15.5582, 0.5100, 0.2583** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **50.3298, 0.2703, 0.4929**, and the grayscale version is **7.2315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **30.8722, 0.4406, 0.2686**, and **7.1555, 0.5489, 0.2798** is the 20% darker color. If you saturate the color by 10%, you get **15.5593, 0.5100, 0.2583**, and if you desaturate by 10%, it is **16.3600, 0.4847, 0.2509**.

Distribution



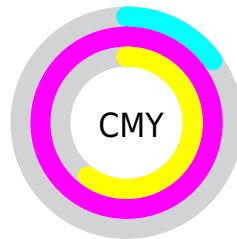
- Red (85%)
- Green (0%)
- Blue (40%)



- Red (85%)
- Yellow (0%)
- Blue (40%)



- Cyan (0%)
- Magenta (100%)
- Yellow (53%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5582, 0.5100, 0.2583 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 15.5582, 0.5100, 0.2583 by changing the saturation by 10% instead.


 15.5582, 0.5100,
0.2583


 15.5582, 0.5100,
0.2583


226.7204, 0.3950,
0.3014


 9.2121, 0.5447,
0.2444


 35.8295, 0.4638,
0.2762


 4.8798, 0.5928,
0.2243

 50.5235, 0.4478,
0.2822

 2.1769, 0.6623,
0.1940

 68.7688, 0.4349,
0.2870

 0.7074, 0.7898,
0.1477

 90.9500, 0.4241,
0.2910

 0.0000, 1.0000,
0.0000

 117.4513, 0.4151,
0.2942

 0.0000, 0.0000,
0.0000

 148.6572, 0.4074,

0.2970

184.9522, 0.4007,
0.2994

■ 15.5582, 0.5100,
0.2583

■ 15.5582, 0.5100,
0.2583

■ 15.5593, 0.5100,
0.2583

■ 16.3600, 0.4847,
0.2509

■ 17.8180, 0.4583,
0.2484

■ 20.1412, 0.4320,
0.2510

■ 23.4456, 0.4071,
0.2580

■ 27.8291, 0.3846,
0.2680

■ 33.3776, 0.3650,
0.2798

■ 40.1683, 0.3482,
0.2924

■ 48.2718, 0.3341,
0.3050

■ 57.7531, 0.3224,
0.3173

Harmonies

Analogous

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



15.5582, 0.3580, 0.1921



15.5582, 0.5100, 0.2583



15.5582, 0.5865, 0.3345

Triad

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



15.5582, 0.5100, 0.2583



15.5582, 0.3412, 0.6050



15.5582, 0.1031, 0.1572

Complementary

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



15.5582, 0.5100, 0.2583



50.3298, 0.2703, 0.4929

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.



15.5582, 0.0995, 0.2261



15.5582, 0.5100, 0.2583



15.5582, 0.2230, 0.5596

Square

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



15.5582, 0.5100, 0.2583



15.5582, 0.4620, 0.5244



15.5582, 0.1353, 0.3750



15.5582, 0.1406, 0.1374

Rectangle

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



15.5582, 0.5100, 0.2583



15.5582, 0.5759, 0.3900



15.5582, 0.1353, 0.3750



15.5582, 0.0983, 0.1733

Sweetspot

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



15.5593, 0.5100, 0.2583



58.1872, 0.3487, 0.2920



8.3770, 0.2046, 0.0901



11.5098, 0.3555, 0.2866



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.



15.5593, 0.5100, 0.2583



22.6263, 0.5121, 0.2595



14.6780, 0.6391, 0.3308



12.5175, 0.3218, 0.3180



9.2304, 0.5064, 0.2563



0.5734, 0.4660, 0.2341

Inverse Universe

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



15.5593, 0.5100, 0.2583



22.6263, 0.5121, 0.2595



52.2485, 0.2232, 0.3236



12.5175, 0.3218, 0.3180



9.2304, 0.5064, 0.2563



0.5734, 0.4660, 0.2341

Previews

White Background



This preview shows how the Yxy color 15.5582, 0.5100, 0.2583 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 15.5582, 0.5100, 0.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

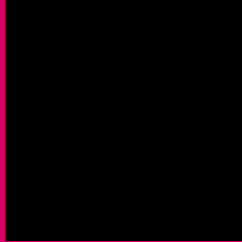
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5582, 0.5100, 0.2583

Background



This preview shows how black text looks on a background with the Yxy color 15.5582, 0.5100, 0.2583.



This preview shows how white text looks on a background with the Yxy color 15.5582, 0.5100, 0.2583.

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

15.5582, 0.5100, 0.2583

Protanopia

16.3318, 0.2615, 0.2587

Deuteranopia

16.1826, 0.3627, 0.3581



Tritanopia

15.8852, 0.5953, 0.3305

Trichromacy



Original Color

15.5582, 0.5100, 0.2583



Protanomaly

11.9848, 0.3366, 0.2282



Deuteranomaly

12.6778, 0.4291, 0.2873



Tritanomaly

15.3938, 0.5738, 0.3046

Monochromacy



Original Color

15.5582, 0.5100, 0.2583



Achromatopsia

7.2272, 0.3127, 0.3290



Achromatomaly

7.2818, 0.4070, 0.2589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5582, 0.5100, 0.2583 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(216, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 0, 102) }
```

Border

The CSS property to change the border of an element to Yxy 15.5582, 0.5100, 0.2583 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(216, 0, 102) }
```

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

```
.border{ border-color:rgb(216, 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(216, 0, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(216, 0,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5582, 0.5100, 0.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 0, 102) }
```

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

```
.background{ background-color: rgb(216, 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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