

Converting Colors

$Yxy(15.1116, 0.3170, 0.1485)$

Have a look what the booklet for
Yxy(15.1116, 0.3170, 0.1485)
contains.

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Color

Yxy(15.5466, 0.3159, 0.1514)

Conversions

Conversions Part 1

Format	Color
Hex	C200C6
RGB	194, 0, 198
RGB Percent	76%, 0%, 78%
CMY	0.2392, 0.9996, 0.2236
CMYK	0.02, 1.00, 0.00, 0.22
HSL	299°, 100%, 39%
HSV	299°, 100%, 78%
XYZ	32.4384, 15.5466, 54.7006
YIQ	80.5780, 52.0660, 102.7060

Conversions

Conversions Part 2

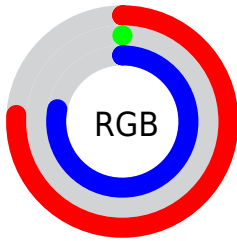
Format	Color
RYB	194, 0, 198
Decimal	12714182
CIELab	46.37, 80.56, -51.45
CIElCh	46, 95.591, 327.436
Yxy	15.5466, 0.3159, 0.1514
Android (android.graphics.Color)	4290904262 (0xFFC200C6)
YUV	80.5780, 57.8890, 99.4711
Hunter-Lab	39.4292, 77.8509, -54.6534

Details

The Yxy color **15.5466, 0.3159, 0.1514** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **40.4023, 0.3004, 0.5997**, and the grayscale version is **8.0286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.7730, 0.3187, 0.1819**, and **7.1341, 0.3072, 0.1466** is the 20% darker color. If you saturate the color by 10%, you get **15.5450, 0.3159, 0.1514**, and if you desaturate by 10%, it is **16.0944, 0.3163, 0.1552**.

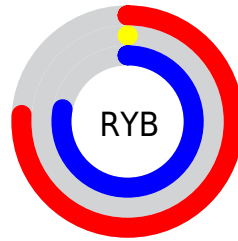
Distribution



Red (76%)

Green (0%)

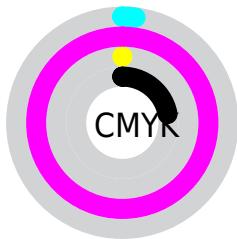
Blue (78%)



Red (76%)

Yellow (0%)

Blue (78%)

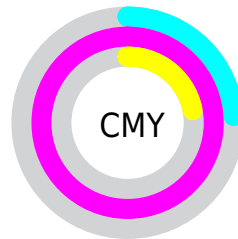


Cyan (2%)

Magenta (100%)

Yellow (0%)

Black (22%)



Cyan (24%)


Magenta (100%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.5466, 0.3159, 0.1514 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 15.5466, 0.3159, 0.1514 by changing the saturation by 10% instead.


 15.5466, 0.3159,
0.1514


 15.5466, 0.3159,
0.1514


226.6512, 0.3197,
0.2377


 9.2039, 0.3130,
0.1318


 35.8093, 0.3187,
0.1816


 4.8744, 0.3080,
0.1083


 50.4980, 0.3193,
0.1933

 2.1738, 0.2994,
0.0803


 68.7376, 0.3197,
0.2034

 0.7056, 0.2839,
0.0475

 90.9123, 0.3198,
0.2121

 0.0000, 0.2581,
0.0000

 117.4067, 0.3199,
0.2197

 0.0000, 0.1860,
0.0000

 148.6050, 0.3199,

 0.0000, 0.0000,

0.2264

0.0000

184.8917, 0.3198,
0.2324

■ 15.5466, 0.3159,
0.1514

■ 15.5466, 0.3159,
0.1514

■ 15.5450, 0.3159,
0.1514

■ 16.0944, 0.3163,
0.1552

■ 17.1474, 0.3165,
0.1625

■ 18.8818, 0.3166,
0.1741

■ 21.3896, 0.3164,
0.1898

■ 24.7489, 0.3161,
0.2091

■ 29.0279, 0.3156,
0.2311

■ 34.2881, 0.3150,
0.2551

■ 40.5856, 0.3143,
0.2799

■ 47.9724, 0.3135,
0.3048

Harmonies

Analogous

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



15.5466, 0.1716, 0.1145



15.5466, 0.3159, 0.1514



15.5466, 0.5154, 0.2179

Triad

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



15.5466, 0.3159, 0.1514



15.5466, 0.4991, 0.5009



15.5466, 0.0700, 0.2297

Complementary

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



15.5466, 0.3159, 0.1514



40.4023, 0.3004, 0.5997

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.



15.5466, 0.1148, 0.4507



15.5466, 0.3159, 0.1514



15.5466, 0.3572, 0.6428

Square

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



15.5466, 0.3159, 0.1514



15.5466, 0.6165, 0.3835



15.5466, 0.2205, 0.6752



15.5466, 0.0686, 0.1364

Rectangle

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



15.5466, 0.3159, 0.1514



15.5466, 0.6149, 0.2693



15.5466, 0.2205, 0.6752



15.5466, 0.0787, 0.2869

Sweetspot

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



15.5473, 0.3159, 0.1514



60.2300, 0.3150, 0.2538



4.2218, 0.1506, 0.0619



11.9995, 0.3153, 0.2435



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.



15.5473, 0.3159, 0.1514



27.5218, 0.3158, 0.1513



13.0370, 0.4826, 0.2433



10.8054, 0.3135, 0.3062



10.1172, 0.3160, 0.1514



0.4826, 0.3171, 0.1520

Inverse Universe

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



12.0130, 0.6381, 0.3289



21.2712, 0.6387, 0.3292



41.1568, 0.2757, 0.5125



10.6403, 0.3286, 0.3286



7.8148, 0.6376, 0.3286



0.3713, 0.6289, 0.3238

Previews

White Background



This preview shows how the Yxy color 15.5466, 0.3159, 0.1514 looks on a white background.

Color Contrast Check

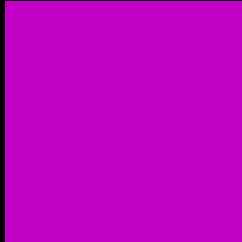
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.5466, 0.3159, 0.1514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

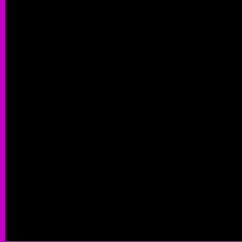
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.5466, 0.3159, 0.1514

Background



This preview shows how black text looks on a background with the Yxy color 15.5466, 0.3159, 0.1514.



This preview shows how white text looks on a background with the Yxy color 15.5466, 0.3159, 0.1514.

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

15.5466, 0.3159, 0.1514

Protanopia

16.3266, 0.1741, 0.1468

Deuteranopia

16.3796, 0.2047, 0.2001



Tritanopia

15.8971, 0.4738, 0.3227

Trichromacy



Original Color

15.5466, 0.3159, 0.1514



Protanomaly

10.6056, 0.1823, 0.1121



Deuteranomaly

11.6674, 0.2263, 0.1463



Tritanomaly

14.2010, 0.4174, 0.2362

Monochromacy



Original Color

15.5466, 0.3159, 0.1514



Achromatopsia

8.2283, 0.3127, 0.3290



Achromatomaly

8.0488, 0.3153, 0.1969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.5466, 0.3159, 0.1514 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(194, 0, 198)` looks like.

```
.text, #text, p{  
  color:rgb(194, 0, 198)  
}
```

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(194, 0, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 198) }
```

Border

The CSS property to change the border of an element to Yxy 15.5466, 0.3159, 0.1514 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(194, 0, 198) }
```

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

```
.border{ border-color:rgb(194, 0, 198) }
```

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

Here you see how a box with a 4 pixel rgb(194, 0, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 15.5466, 0.3159, 0.1514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 198) }
```

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

```
.background{ background-color: rgb(194, 0,  
198) }
```

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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