

Converting Colors

$Yxy(15.9026, 0.3093, 0.1477)$

Have a look what the booklet for
Yxy(15.9026, 0.3093, 0.1477)
contains.

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Color

Yxy(15.9617, 0.3098, 0.1480)

Conversions

Conversions Part 1

Format	Color
Hex	C300CC
RGB	195, 0, 204
RGB Percent	76%, 0%, 80%
CMY	0.2352, 1.0000, 0.1998
CMYK	0.04, 1.00, 0.00, 0.20
HSL	297°, 100%, 40%
HSV	297°, 100%, 80%
XYZ	33.4117, 15.9617, 58.4759
YIQ	81.5610, 50.7360, 104.7840

Conversions

Conversions Part 2

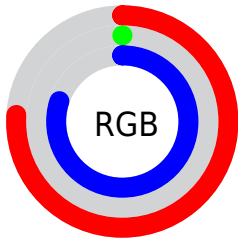
Format	Color
R_{YB}	195, 0, 204
Decimal	12779724
CIE _{Lab}	46.92, 81.65, -54.08
CIE _{LCh}	47, 97.936, 326.483
Yxy	15.9617, 0.3098, 0.1480
Android (android.graphics.Color)	4290969804 (0xFFC300CC)
YUV	81.5610, 60.3624, 99.4860
Hunter-Lab	39.9521, 79.3624, -58.8134

Details

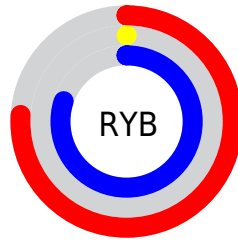
The Yxy color **15.9617, 0.3098, 0.1480** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **43.2663, 0.3008, 0.5993**, and the grayscale version is **8.2178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.9622, 0.3196, 0.1823**, and **7.4042, 0.2994, 0.1423** is the 20% darker color. If you saturate the color by 10%, you get **15.9659, 0.3098, 0.1480**, and if you desaturate by 10%, it is **16.6013, 0.3108, 0.1522**.

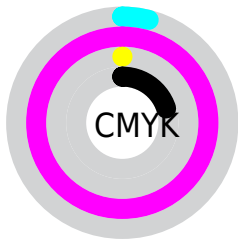
Distribution



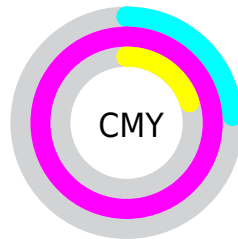
- Red (76%)
- Green (0%)
- Blue (80%)



- Red (76%)
- Yellow (0%)
- Blue (80%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)




- Cyan (24%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9617, 0.3098, 0.1480 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 15.9617, 0.3098, 0.1480 by changing the saturation by 10% instead.


 15.9617, 0.3098,
0.1480


 15.9617, 0.3098,
0.1480


229.1156, 0.3171,
0.2350


 9.4971, 0.3060,
0.1286


 36.5317, 0.3139,
0.1782


 5.0668, 0.2999,
0.1054


 51.4058, 0.3150,
0.1900


 2.2865, 0.2898,
0.0780


 69.8520, 0.3158,
0.2002

 0.7666, 0.2725,
0.0467

 92.2544, 0.3163,
0.2090

 0.0000, 0.2454,
0.0000

 118.9976, 0.3167,
0.2167

 0.0000, 0.1800,
0.0000

 150.4659, 0.3169,

 0.0000, 0.0000,

0.2235

0.0000

187.0438, 0.3170,
0.2296

■ 15.9617, 0.3098,
0.1480

■ 15.9617, 0.3098,
0.1480

■ 15.9659, 0.3098,
0.1480

■ 16.6013, 0.3108,
0.1522

■ 17.7808, 0.3117,
0.1599

■ 19.6906, 0.3125,
0.1719

■ 22.4303, 0.3131,
0.1880

■ 26.0841, 0.3134,
0.2078

■ 30.7255, 0.3136,
0.2302

■ 36.4209, 0.3136,
0.2545

■ 43.2308, 0.3134,
0.2796

■ 51.2111, 0.3131,
0.3046

Harmonies

Analogous

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



15.9617, 0.1667, 0.1121



15.9617, 0.3098, 0.1480



15.9617, 0.5121, 0.2140

Triad

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



15.9617, 0.3098, 0.1480



15.9617, 0.5037, 0.4963



15.9617, 0.0685, 0.2326

Complementary

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



15.9617, 0.3098, 0.1480



43.2663, 0.3008, 0.5993

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.



15.9617, 0.1148, 0.4616



15.9617, 0.3098, 0.1480



15.9617, 0.3595, 0.6405

Square

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



15.9617, 0.3098, 0.1480



15.9617, 0.6212, 0.3788



15.9617, 0.2220, 0.6840



15.9617, 0.0664, 0.1361

Rectangle

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



15.9617, 0.3098, 0.1480



15.9617, 0.6156, 0.2654



15.9617, 0.2220, 0.6840



15.9617, 0.0776, 0.2921

Sweetspot

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



15.9659, 0.3098, 0.1480



59.8835, 0.3136, 0.2535



4.5834, 0.1508, 0.0627



11.9151, 0.3136, 0.2430



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.



15.9659, 0.3098, 0.1480



26.4017, 0.3097, 0.1479



14.0189, 0.4761, 0.2396



11.3775, 0.3131, 0.3061



10.0551, 0.3100, 0.1481



0.5267, 0.3122, 0.1494

Inverse Universe

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



12.8638, 0.6360, 0.3277



21.2848, 0.6369, 0.3282



43.9776, 0.2773, 0.5184



11.2216, 0.3283, 0.3280



8.0961, 0.6348, 0.3270



0.4205, 0.6172, 0.3174

Previews

White Background



This preview shows how the Yxy color 15.9617, 0.3098, 0.1480 looks on a white background.

Color Contrast Check

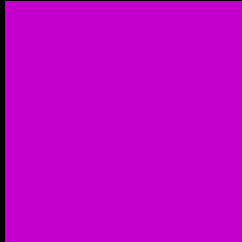
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9617, 0.3098, 0.1480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

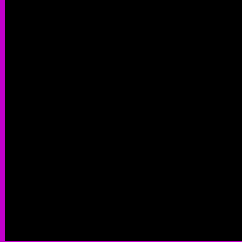
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9617, 0.3098, 0.1480

Background



This preview shows how black text looks on a background with the Yxy color 15.9617, 0.3098, 0.1480.



This preview shows how white text looks on a background with the Yxy color 15.9617, 0.3098, 0.1480.

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

15.9617, 0.3098, 0.1480

Protanopia

16.7068, 0.1739, 0.1461

Deuteranopia

16.6812, 0.1995, 0.1939



Tritanopia

16.2170, 0.4688, 0.3226

Trichromacy



Original Color

15.9617, 0.3098, 0.1480



Protanomaly

10.8163, 0.1811, 0.1102



Deuteranomaly

11.8764, 0.2196, 0.1417



Tritanomaly

14.3653, 0.4115, 0.2334

Monochromacy



Original Color

15.9617, 0.3098, 0.1480



Achromatopsia

8.4376, 0.3127, 0.3290



Achromatomaly

8.1733, 0.3137, 0.1948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9617, 0.3098, 0.1480 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(195, 0, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 204)  
}
```

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(195, 0, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 204) }
```

Border

The CSS property to change the border of an element to Yxy 15.9617, 0.3098, 0.1480 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(195, 0, 204) }
```

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

```
.border{ border-color:rgb(195, 0, 204) }
```

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

Here you see how a box with a 4 pixel rgb(195, 0, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 0,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9617, 0.3098, 0.1480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 204) }
```

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

```
.background{ background-color: rgb(195, 0,  
204) }
```

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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