

Converting Colors

$Yxy(15.8446, 0.3320, 0.1608)$

Have a look what the booklet for
Yxy(15.8446, 0.3320, 0.1608)
contains.

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Color

Yxy(15.7886, 0.3313, 0.1604)

Conversions

Conversions Part 1

Format	Color
Hex	C603BE
RGB	198, 3, 190
RGB Percent	78%, 1%, 75%
CMY	0.2236, 0.9876, 0.2550
CMYK	0.00, 0.98, 0.04, 0.22
HSL	302°, 97%, 39%
HSV	302°, 98%, 78%
XYZ	32.6107, 15.7886, 50.0333
YIQ	82.6230, 56.1930, 99.4970

Conversions

Conversions Part 2

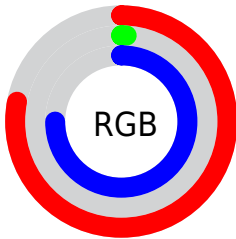
Format	Color
R_{YB}	198, 3, 190
Decimal	12977086
CIE _{Lab}	46.70, 79.79, -46.24
CIE _{LCh}	47, 92.222, 329.909
Yxy	15.7886, 0.3313, 0.1604
Android (android.graphics.Color)	4291167166 (0xFFC603BE)
YUV	82.6230, 52.9369, 101.1856
Hunter-Lab	39.7349, 76.9604, -46.8423

Details

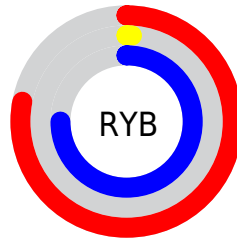
The Yxy color **15.7886, 0.3313, 0.1604** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **40.4263, 0.2994, 0.5965**, and the grayscale version is **8.4717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6297, 0.3271, 0.1884**, and **7.2665, 0.3262, 0.1571** is the 20% darker color. If you saturate the color by 10%, you get **15.7149, 0.3315, 0.1600**, and if you desaturate by 10%, it is **16.3677, 0.3299, 0.1638**.

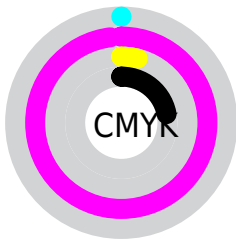
Distribution



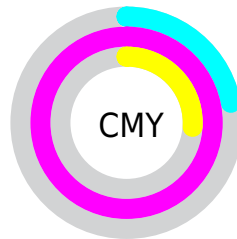
- Red (78%)
- Green (1%)
- Blue (75%)



- Red (78%)
- Yellow (1%)
- Blue (75%)



- Cyan (0%)
- Magenta (98%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (99%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.7886, 0.3313, 0.1604 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 15.7886, 0.3313, 0.1604 by changing the saturation by 10% instead.


 15.7886, 0.3313,
0.1604


 15.7886, 0.3313,
0.1604


228.0910, 0.3261,
0.2434


 9.3747, 0.3310,
0.1411


 36.2308, 0.3305,
0.1897


 4.9864, 0.3295,
0.1177


 51.0279, 0.3299,
0.2010


 2.2393, 0.3255,
0.0891


 69.3882, 0.3292,
0.2107

 0.7413, 0.3163,
0.0550

 91.6960, 0.3285,
0.2190

 0.0000, 0.3007,
0.0000

 118.3358, 0.3279,
0.2263

 0.0000, 0.2341,
0.0000

 149.6920, 0.3272,

 0.0000, 0.0000,

0.2327

0.0000

186.1489, 0.3266,
0.2383

■ 15.7886, 0.3313,
0.1604

■ 15.7886, 0.3313,
0.1604

■ 15.7149, 0.3315,
0.1600

■ 16.3677, 0.3299,
0.1638

■ 17.5027, 0.3284,
0.1710

■ 19.3348, 0.3265,
0.1825

■ 21.9535, 0.3245,
0.1980

■ 25.4348, 0.3224,
0.2170

■ 29.8460, 0.3203,
0.2385

■ 35.2477, 0.3182,
0.2617

■ 41.6952, 0.3161,
0.2856

■ 49.2400, 0.3142,
0.3095

Harmonies

Analogous

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



15.7886, 0.1845, 0.1212



15.7886, 0.3313, 0.1604



15.7886, 0.5228, 0.2280

Triad

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



15.7886, 0.3313, 0.1604



15.7886, 0.4877, 0.5123



15.7886, 0.0740, 0.2230

Complementary

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



15.7886, 0.3313, 0.1604



40.4263, 0.2994, 0.5965

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.



15.7886, 0.1153, 0.4244



15.7886, 0.3313, 0.1604



15.7886, 0.3514, 0.6470

Square

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



15.7886, 0.3313, 0.1604



15.7886, 0.6035, 0.3953



15.7886, 0.2165, 0.6507



15.7886, 0.0746, 0.1378

Rectangle

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



15.7886, 0.3313, 0.1604



15.7886, 0.6120, 0.2794



15.7886, 0.2165, 0.6507



15.7886, 0.0818, 0.2749

Sweetspot

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



15.7894, 0.3313, 0.1604



60.3194, 0.3186, 0.2569



4.2076, 0.1516, 0.0617



12.0214, 0.3195, 0.2469



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.



15.7894, 0.3313, 0.1604



27.8236, 0.3317, 0.1601



12.8821, 0.5070, 0.2577



10.8088, 0.3144, 0.3072



10.2248, 0.3314, 0.1599



0.4865, 0.3290, 0.1586

Inverse Universe

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



15.7894, 0.3313, 0.1604



27.8236, 0.3317, 0.1601



41.4647, 0.2690, 0.4874



10.8088, 0.3144, 0.3072



10.2248, 0.3314, 0.1599



0.4865, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 15.7886, 0.3313, 0.1604 looks on a white background.

Color Contrast Check

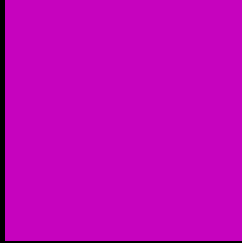
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7886, 0.3313, 0.1604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

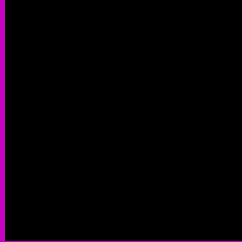
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7886, 0.3313, 0.1604

Background



This preview shows how black text looks on a background with the Yxy color 15.7886, 0.3313, 0.1604.



This preview shows how white text looks on a background with the Yxy color 15.7886, 0.3313, 0.1604.

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

15.7886, 0.3313, 0.1604

Protanopia

16.6504, 0.1741, 0.1468

Deuteranopia

16.5608, 0.2160, 0.2111



Tritanopia

16.1615, 0.4903, 0.3245

Trichromacy



Original Color

15.7886, 0.3313, 0.1604



Protanomaly

10.7905, 0.1840, 0.1155



Deuteranomaly

12.1771, 0.2425, 0.1581



Tritanomaly

14.6049, 0.4361, 0.2458

Monochromacy



Original Color

15.7886, 0.3313, 0.1604



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.4034, 0.3239, 0.2048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7886, 0.3313, 0.1604 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(198, 3, 190)` looks like.

```
.text, #text, p{  
    color:rgb(198, 3, 190)  
}
```

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(198, 3, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 3, 190) }
```

Border

The CSS property to change the border of an element to Yxy 15.7886, 0.3313, 0.1604 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(198, 3, 190) }
```

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

```
.border{ border-color:rgb(198, 3, 190) }
```

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

Here you see how a box with a 4 pixel rgb(198, 3, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 3, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 3, 190);  
box-shadow:4px 4px 4px 4px rgb(198, 3,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7886, 0.3313, 0.1604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 3, 190) }
```

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

```
.background{ background-color: rgb(198, 3,  
190) }
```

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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