

Converting Colors

$Yxy(15.5542, 0.3276, 0.1578)$

Have a look what the booklet for
Yxy(15.5542, 0.3276, 0.1578)
contains.

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Color

Yxy(15.4974, 0.3274, 0.1577)

Conversions

Conversions Part 1

Format	Color
Hex	C400BF
RGB	196, 0, 191
RGB Percent	77%, 0%, 75%
CMY	0.2313, 1.0000, 0.2509
CMYK	0.00, 1.00, 0.03, 0.23
HSL	302°, 100%, 38%
HSV	302°, 100%, 77%
XYZ	32.1741, 15.4974, 50.5999
YIQ	80.3780, 55.5050, 100.9530

Conversions

Conversions Part 2

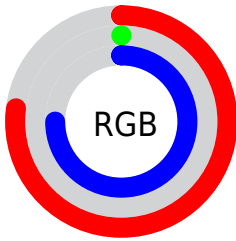
Format	Color
R_{YB}	196, 0, 191
Decimal	12845247
CIE _{Lab}	46.31, 79.90, -47.49
CIE _{LCh}	46, 92.943, 329.274
Yxy	15.4974, 0.3274, 0.1577
Android (android.graphics.Color)	4291035327 (0xFFC400BF)
YUV	80.3780, 54.5366, 101.4005
Hunter-Lab	39.3667, 76.9945, -48.6515

Details

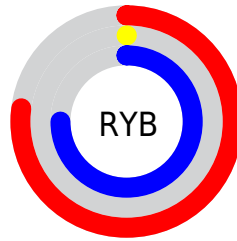
The Yxy color **15.4974, 0.3274, 0.1577** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **39.4982, 0.2996, 0.5985**, and the grayscale version is **7.9847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5195, 0.3262, 0.1871**, and **7.1245, 0.3209, 0.1542** is the 20% darker color. If you saturate the color by 10%, you get **15.5007, 0.3274, 0.1577**, and if you desaturate by 10%, it is **16.0090, 0.3265, 0.1610**.

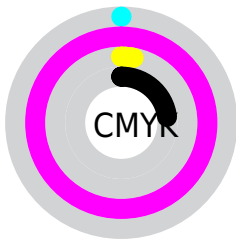
Distribution



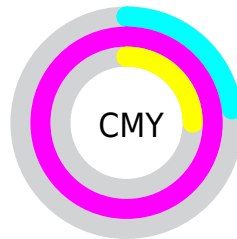
- Red (77%)
- Green (0%)
- Blue (75%)



- Red (77%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (3%)
- Black (23%)



- Cyan (23%)
- Magenta (100%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4974, 0.3274, 0.1577 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 15.4974, 0.3274, 0.1577 by changing the saturation by 10% instead.


 15.4974, 0.3274,
0.1577


 15.4974, 0.3274,
0.1577


226.3574, 0.3245,
0.2419


 9.1692, 0.3264,
0.1382


 35.7234, 0.3276,
0.1874


 4.8517, 0.3239,
0.1146


 50.3901, 0.3272,
0.1988

 2.1605, 0.3186,
0.0860


 68.6050, 0.3268,
0.2087

 0.6983, 0.3076,
0.0518

 90.7526, 0.3264,
0.2171

 0.0000, 0.2881,
0.0000

 117.2172, 0.3259,
0.2245

 0.0000, 0.2155,
0.0000

 148.3833, 0.3254,

 0.0000, 0.0000,

0.2310

0.0000

184.6352, 0.3249,
0.2368

■ 15.4974, 0.3274,
0.1577

■ 15.4974, 0.3274,
0.1577

■ 15.5007, 0.3274,
0.1577

■ 16.0090, 0.3265,
0.1610

■ 17.0092, 0.3255,
0.1677

■ 18.6749, 0.3242,
0.1786

■ 21.0959, 0.3227,
0.1937

■ 24.3484, 0.3211,
0.2123

■ 28.4991, 0.3194,
0.2337

■ 33.6079, 0.3176,
0.2570

■ 39.7297, 0.3159,
0.2811

■ 46.9151, 0.3143,
0.3053

Harmonies

Analogous

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



15.4974, 0.1808, 0.1190



15.4974, 0.3274, 0.1577



15.4974, 0.5217, 0.2251

Triad

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



15.4974, 0.3274, 0.1577



15.4974, 0.4906, 0.5094



15.4974, 0.0725, 0.2242

Complementary

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



15.4974, 0.3274, 0.1577



39.4982, 0.2996, 0.5985

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.



15.4974, 0.1146, 0.4312



15.4974, 0.3274, 0.1577



15.4974, 0.3527, 0.6473

Square

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



15.4974, 0.3274, 0.1577



15.4974, 0.6077, 0.3923



15.4974, 0.2170, 0.6585



15.4974, 0.0726, 0.1369

Rectangle

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



15.4974, 0.3274, 0.1577



15.4974, 0.6137, 0.2765



15.4974, 0.2170, 0.6585



15.4974, 0.0805, 0.2775

Sweetspot

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



15.5007, 0.3274, 0.1577



60.3953, 0.3177, 0.2558



4.0074, 0.1505, 0.0603



12.0399, 0.3184, 0.2457



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.



15.5007, 0.3274, 0.1577



28.0688, 0.3275, 0.1578



12.5595, 0.5039, 0.2549



10.2430, 0.3142, 0.3069



9.9600, 0.3273, 0.1577



0.4318, 0.3258, 0.1568

Inverse Universe

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



15.5007, 0.3274, 0.1577



28.0688, 0.3275, 0.1578



40.4323, 0.2710, 0.4957



10.2430, 0.3142, 0.3069



9.9600, 0.3273, 0.1577



0.4318, 0.3258, 0.1568

Previews

White Background



This preview shows how the Yxy color 15.4974, 0.3274, 0.1577 looks on a white background.

Color Contrast Check

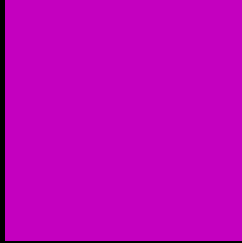
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4974, 0.3274, 0.1577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

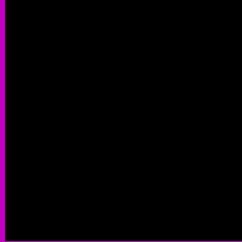
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4974, 0.3274, 0.1577

Background



This preview shows how black text looks on a background with the Yxy color 15.4974, 0.3274, 0.1577.



This preview shows how white text looks on a background with the Yxy color 15.4974, 0.3274, 0.1577.

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

15.4974, 0.3274, 0.1577

Protanopia

16.3266, 0.1741, 0.1468

Deuteranopia

16.2613, 0.2131, 0.2074



Tritanopia

15.8017, 0.4851, 0.3230

Trichromacy



Original Color

15.4974, 0.3274, 0.1577



Protanomaly

10.5021, 0.1829, 0.1130



Deuteranomaly

11.7491, 0.2380, 0.1533



Tritanomaly

14.1613, 0.4304, 0.2420

Monochromacy



Original Color

15.4974, 0.3274, 0.1577



Achromatopsia

8.0220, 0.3127, 0.3290



Achromatomaly

7.8613, 0.3224, 0.2011

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4974, 0.3274, 0.1577 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(196, 0, 191)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 191)  
}
```

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(196, 0, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 191) }
```

Border

The CSS property to change the border of an element to Yxy 15.4974, 0.3274, 0.1577 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(196, 0, 191) }
```

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

```
.border{ border-color:rgb(196, 0, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 0, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 191);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4974, 0.3274, 0.1577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 191) }
```

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

```
.background{ background-color: rgb(196, 0,  
191) }
```

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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