

Converting Colors

$Yxy(15.3490, 0.3397, 0.1655)$

Have a look what the booklet for
Yxy(15.3490, 0.3397, 0.1655)
contains.

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Color

Yxy(15.4195, 0.3396, 0.1655)

Conversions

Conversions Part 1

Format	Color
Hex	C506B7
RGB	197, 6, 183
RGB Percent	77%, 2%, 72%
CMY	0.2274, 0.9766, 0.2823
CMYK	0.00, 0.97, 0.07, 0.23
HSL	304°, 94%, 40%
HSV	304°, 97%, 77%
XYZ	31.6403, 15.4195, 46.1094
YIQ	83.2870, 57.0190, 95.5390

Conversions

Conversions Part 2

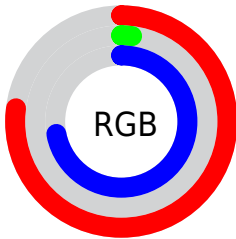
Format	Color
R_{YB}	197, 6, 183
Decimal	12912311
CIE _{Lab}	46.20, 78.41, -42.94
CIE _{LCh}	46, 89.398, 331.292
Yxy	15.4195, 0.3396, 0.1655
Android (android.graphics.Color)	4291102391 (0xFFC506B7)
YUV	83.2870, 49.1585, 99.7263
Hunter-Lab	39.2677, 75.1094, -42.1330

Details

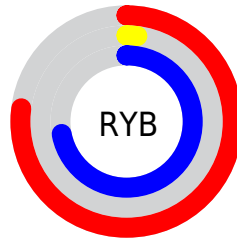
The Yxy color **15.4195, 0.3396, 0.1655** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **40.0260, 0.2987, 0.5928**, and the grayscale version is **8.5978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.2056, 0.3340, 0.1934**, and **6.9883, 0.3376, 0.1633** is the 20% darker color. If you saturate the color by 10%, you get **15.2725, 0.3403, 0.1648**, and if you desaturate by 10%, it is **16.0754, 0.3372, 0.1689**.

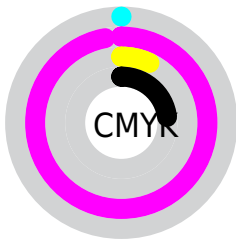
Distribution



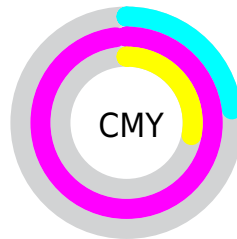
- Red (77%)
- Green (2%)
- Blue (72%)



- Red (77%)
- Yellow (2%)
- Blue (72%)



- Cyan (0%)
- Magenta (97%)
- Yellow (7%)
- Black (23%)




- Cyan (23%)
- Magenta (98%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4195, 0.3396, 0.1655 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 15.4195, 0.3396, 0.1655 by changing the saturation by 10% instead.

 15.4195, 0.3396,
0.1655


 15.4195, 0.3396,
0.1655


225.8915, 0.3294,
0.2470

 9.1143, 0.3407,
0.1462


 35.5874, 0.3368,
0.1945


 4.8158, 0.3412,
0.1225


 50.2190, 0.3355,
0.2057


 2.1396, 0.3399,
0.0933


 68.3948, 0.3342,
0.2151

 0.6868, 0.3346,
0.0573

 90.4993, 0.3331,
0.2233

 0.0000, 0.3241,
0.0000

 116.9168, 0.3320,
0.2304

 0.0000, 0.2496,
0.0000

 148.0317, 0.3311,

 0.0000, 0.0000,

0.2366

0.0000

184.2285, 0.3302,
0.2421

■ 15.4195, 0.3396,
0.1655

■ 15.4195, 0.3396,
0.1655

■ 15.2725, 0.3403,
0.1648

■ 16.0754, 0.3372,
0.1689

■ 17.3175, 0.3345,
0.1764

■ 19.2629, 0.3316,
0.1883

■ 21.9977, 0.3285,
0.2040

■ 25.5957, 0.3254,
0.2230

■ 30.1222, 0.3224,
0.2444

■ 35.6362, 0.3195,
0.2671

■ 42.1919, 0.3168,
0.2904

■ 49.8394, 0.3143,
0.3134

Harmonies

Analogous

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



15.4195, 0.1918, 0.1250



15.4195, 0.3396, 0.1655



15.4195, 0.5262, 0.2336

Triad

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



15.4195, 0.3396, 0.1655



15.4195, 0.4817, 0.5183



15.4195, 0.0764, 0.2197

Complementary

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



15.4195, 0.3396, 0.1655



40.0260, 0.2987, 0.5928

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.



15.4195, 0.1157, 0.4110



15.4195, 0.3396, 0.1655



15.4195, 0.3461, 0.6443

Square

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



15.4195, 0.3396, 0.1655



15.4195, 0.5961, 0.4016



15.4195, 0.2143, 0.6364



15.4195, 0.0781, 0.1387

Rectangle

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



15.4195, 0.3396, 0.1655



15.4195, 0.6098, 0.2850



15.4195, 0.2143, 0.6364



15.4195, 0.0837, 0.2689

Sweetspot

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



15.4203, 0.3396, 0.1655



61.2037, 0.3202, 0.2614



4.2968, 0.1535, 0.0634



12.1789, 0.3214, 0.2515



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.



15.4203, 0.3396, 0.1655



27.3337, 0.3406, 0.1650



12.7184, 0.5169, 0.2642



10.8027, 0.3149, 0.3079



10.0496, 0.3400, 0.1647



0.4800, 0.3356, 0.1623

Inverse Universe

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



15.4203, 0.3396, 0.1655



27.3337, 0.3406, 0.1650



41.1956, 0.2654, 0.4735



10.8027, 0.3149, 0.3079



10.0496, 0.3400, 0.1647



0.4800, 0.3356, 0.1623

Previews

White Background



This preview shows how the Yxy color 15.4195, 0.3396, 0.1655 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 15.4195, 0.3396, 0.1655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

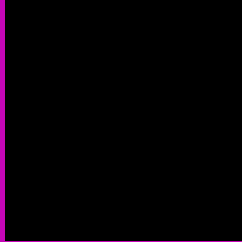
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4195, 0.3396, 0.1655

Background



This preview shows how black text looks on a background with the Yxy color 15.4195, 0.3396, 0.1655.



This preview shows how white text looks on a background with the Yxy color 15.4195, 0.3396, 0.1655.

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

15.4195, 0.3396, 0.1655

Protanopia

16.0614, 0.1739, 0.1461

Deuteranopia

16.0529, 0.2229, 0.2177



Tritanopia

15.6097, 0.4951, 0.3232

Trichromacy



Original Color

15.4195, 0.3396, 0.1655



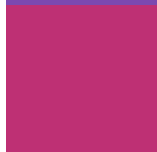
Protanomaly

10.4612, 0.1850, 0.1164



Deuteranomaly

12.1106, 0.2521, 0.1660



Tritanomaly

14.3220, 0.4409, 0.2482

Monochromacy



Original Color

15.4195, 0.3396, 0.1655



Achromatopsia

8.6500, 0.3127, 0.3290



Achromatomaly

8.3494, 0.3274, 0.2101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4195, 0.3396, 0.1655 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(197, 6, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 6, 183)  
}
```

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(197, 6, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 6, 183) }
```

Border

The CSS property to change the border of an element to Yxy 15.4195, 0.3396, 0.1655 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(197, 6, 183) }
```

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

```
.border{ border-color:rgb(197, 6, 183) }
```

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

Here you see how a box with a 4 pixel rgb(197, 6, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 6, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 6, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 6,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4195, 0.3396, 0.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 6, 183) }
```

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

```
.background{ background-color: rgb(197, 6,  
183) }
```

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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