

Converting Colors

$Yxy(15.4364, 0.3915, 0.2110)$

Have a look what the booklet for
Yxy(15.4364, 0.3915, 0.2110)
contains.

Yxy(15.4364, 0.3915, 0.2110)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.4364, 0.3915, 0.2110)

Conversions

Conversions Part 1

Format	Color
Hex	C32B93
RGB	195, 43, 147
RGB Percent	76%, 17%, 58%
CMY	0.2352, 0.8315, 0.4235
CMYK	0.00, 0.78, 0.25, 0.24
HSL	319°, 64%, 47%
HSV	319°, 78%, 76%
XYZ	28.6415, 15.4364, 29.0804
YIQ	100.3040, 57.2080, 64.5680

Conversions

Conversions Part 2

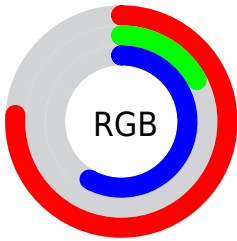
Format	Color
R _Y B	195, 43, 147
Decimal	12790675
CIE _{Lab}	46.23, 67.00, -21.51
CIE _{LCh}	46, 70.367, 342.199
Y _{xy}	15.4364, 0.3915, 0.2110
Android (android.graphics.Color)	4290980755 (0xFFC32B93)
Y _{UV}	100.3040, 23.0211, 83.0484
Hunter-Lab	39.2892, 61.3689, -16.3819

Details

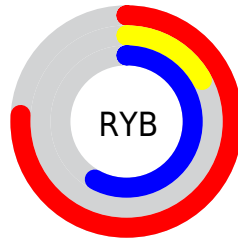
The Yxy color **15.4364, 0.3915, 0.2110** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **40.3083, 0.2829, 0.5089**, and the grayscale version is **12.7506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.5802, 0.3750, 0.2348**, and **6.1629, 0.4116, 0.2041** is the 20% darker color. If you saturate the color by 10%, you get **14.1553, 0.4050, 0.2076**, and if you desaturate by 10%, it is **17.4067, 0.3780, 0.2192**.

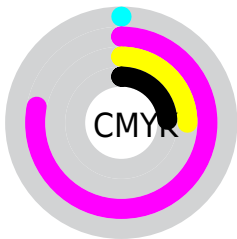
Distribution



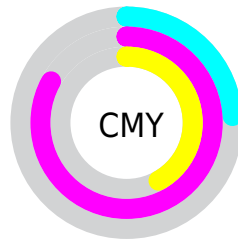
- Red (76%)
- Green (17%)
- Blue (58%)



- Red (76%)
- Yellow (17%)
- Blue (58%)



- Cyan (0%)
- Magenta (78%)
- Yellow (25%)
- Black (24%)



- Cyan (24%)
- Magenta (83%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.4364, 0.3915, 0.2110 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 15.4364, 0.3915, 0.2110 by changing the saturation by 10% instead.


 15.4364, 0.3915,
0.2110


 15.4364, 0.3915,
0.2110


225.9926, 0.3485,
0.2739


 9.1262, 0.4035,
0.1943


 35.6170, 0.3750,
0.2347


 4.8236, 0.4195,
0.1724


 50.2561, 0.3690,
0.2433


 2.1441, 0.4421,
0.1428

 68.4404, 0.3641,
0.2505

 0.6893, 0.4765,
0.1001

 90.5543, 0.3600,
0.2566

 0.0000, 0.5536,
0.0000

 116.9820, 0.3565,
0.2619

 0.0000, 1.0000,
0.0000

 148.1080, 0.3534,

 0.0000, 0.0000,

0.2664

0.0000

184.3168, 0.3508,
0.2704

■ 15.4364, 0.3915,
0.2110

■ 15.4364, 0.3915,
0.2110

■ 14.1553, 0.4050,
0.2076

■ 17.4067, 0.3780,
0.2192

■ 13.4320, 0.4183,
0.2088

■ 20.1492, 0.3651,
0.2313

■ 13.3113, 0.4210,
0.2093

■ 23.7380, 0.3532,
0.2462

■ 28.2375, 0.3424,
0.2630

■ 33.7060, 0.3329,
0.2807

■ 40.1969, 0.3246,
0.2984

■ 47.7596, 0.3176,
0.3157

■ 56.4404, 0.3116,
0.3323

■ 66.2827, 0.3066,
0.3478

Harmonies

Analogous

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



15.4364, 0.2528, 0.1634



15.4364, 0.3915, 0.2110



15.4364, 0.5264, 0.2792

Triad

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



15.4364, 0.3915, 0.2110



15.4364, 0.4329, 0.5404



15.4364, 0.1046, 0.2104

Complementary

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



15.4364, 0.3915, 0.2110



40.3083, 0.2829, 0.5089

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.



15.4364, 0.1303, 0.3336



15.4364, 0.3915, 0.2110



15.4364, 0.3164, 0.5955

Square

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



15.4364, 0.3915, 0.2110



15.4364, 0.5311, 0.4434



15.4364, 0.2050, 0.5108



15.4364, 0.1154, 0.1561

Rectangle

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



15.4364, 0.3915, 0.2110



15.4364, 0.5716, 0.3296



15.4364, 0.2050, 0.5108



15.4364, 0.1085, 0.2425

Sweetspot

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



15.4372, 0.3915, 0.2110



65.4828, 0.3289, 0.2889



7.7691, 0.1975, 0.1037



13.4365, 0.3320, 0.2823



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.



15.4372, 0.3915, 0.2110



24.3210, 0.4150, 0.2082



13.8161, 0.5329, 0.2994



10.1916, 0.3185, 0.3134



8.6651, 0.4193, 0.2083



0.3864, 0.3923, 0.1935

Inverse Universe

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



15.4372, 0.3915, 0.2110



24.3210, 0.4150, 0.2082



42.2560, 0.2442, 0.3784



10.1916, 0.3185, 0.3134



8.6651, 0.4193, 0.2083



0.3864, 0.3923, 0.1935

Previews

White Background



This preview shows how the Yxy color 15.4364, 0.3915, 0.2110 looks on a white background.

Color Contrast Check

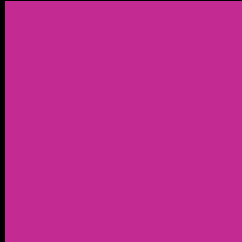
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4364, 0.3915, 0.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

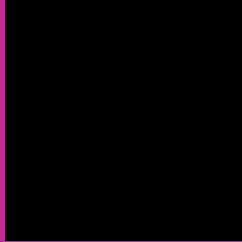
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4364, 0.3915, 0.2110

Background



This preview shows how black text looks on a background with the Yxy color 15.4364, 0.3915, 0.2110.



This preview shows how white text looks on a background with the Yxy color 15.4364, 0.3915, 0.2110.

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

15.4364, 0.3915, 0.2110

Protanopia

15.9759, 0.2018, 0.1813

Deuteranopia

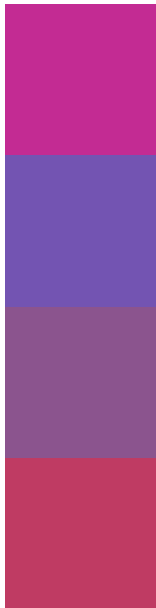
15.7150, 0.2754, 0.2690



Tritanopia

15.4209, 0.5102, 0.3248

Trichromacy



Original Color

15.4364, 0.3915, 0.2110

Protanomaly

13.1998, 0.2431, 0.1756

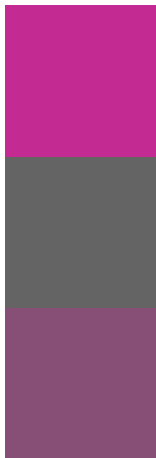
Deuteranomaly

13.7826, 0.3130, 0.2307

Tritanomaly

15.1051, 0.4704, 0.2808

Monochromacy



Original Color

15.4364, 0.3915, 0.2110

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

12.0272, 0.3453, 0.2596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4364, 0.3915, 0.2110 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, 43, 147)` looks like.

```
.text, #text, p{  
    color:rgb(195, 43, 147)  
}
```

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, 43, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 43, 147) }
```

Border

The CSS property to change the border of an element to Yxy 15.4364, 0.3915, 0.2110 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, 43, 147) }
```

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

```
.border{ border-color:rgb(195, 43, 147) }
```

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

Here you see how a box with a 4 pixel rgb(195, 43, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 43, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 43, 147);  
box-shadow:4px 4px 4px 4px rgb(195, 43,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4364, 0.3915, 0.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 43, 147) }
```

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

```
.background{ background-color: rgb(195, 43,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor