

Converting Colors

$Y_{xy}(15.0523, 0.4531, 0.2432)$

Have a look what the booklet for
Yxy(15.0523, 0.4531, 0.2432)
contains.

Yxy(15.0726, 0.4526, 0.2430)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.0726, 0.4526, 0.2430)

Conversions

Conversions Part 1

Format	Color
Hex	C92577
RGB	201, 37, 119
RGB Percent	79%, 15%, 47%
CMY	0.2119, 0.8546, 0.5333
CMYK	0.00, 0.82, 0.41, 0.21
HSL	330°, 69%, 47%
HSV	330°, 82%, 79%
XYZ	28.0735, 15.0726, 18.8811
YIQ	95.3840, 71.4220, 60.2700

Conversions

Conversions Part 2

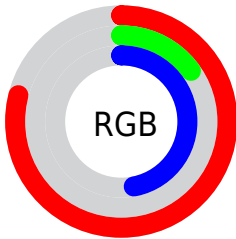
Format	Color
R_{YB}	201, 37, 119
Decimal	13182327
CIE _{Lab}	45.73, 66.89, -5.09
CIE _{LCh}	46, 67.084, 355.647
Yxy	15.0726, 0.4526, 0.2430
Android (android.graphics.Color)	4291372407 (0xFFC92577)
YUV	95.3840, 11.6427, 92.6252
Hunter-Lab	38.8234, 61.1335, -1.6582

Details

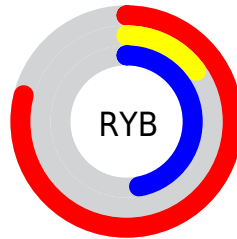
The Yxy color **15.0726, 0.4526, 0.2430** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **43.4892, 0.2685, 0.4676**, and the grayscale version is **11.5078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5076, 0.4129, 0.2599**, and **6.1177, 0.4899, 0.2473** is the 20% darker color. If you saturate the color by 10%, you get **13.9170, 0.4771, 0.2456**, and if you desaturate by 10%, it is **16.9433, 0.4280, 0.2457**.

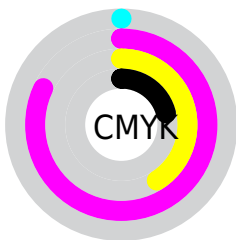
Distribution



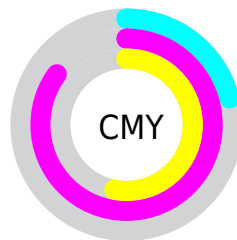
- Red (79%)
- Green (15%)
- Blue (47%)



- Red (79%)
- Yellow (15%)
- Blue (47%)



- Cyan (0%)
- Magenta (82%)
- Yellow (41%)
- Black (21%)



- Cyan (21%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0726, 0.4526, 0.2430 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 15.0726, 0.4526, 0.2430 by changing the saturation by 10% instead.


 15.0726, 0.4526,
0.2430


 15.0726, 0.4526,
0.2430


223.8052, 0.3715,
0.2918


 8.8704, 0.4774,
0.2286


 34.9805, 0.4200,
0.2623

 4.6567, 0.5122,
0.2087

 49.4549, 0.4087,
0.2691

 2.0473, 0.5644,
0.1799

 67.4555, 0.3996,
0.2746

 0.6347, 0.6515,
0.1314

 89.3667, 0.3920,
0.2792

 0.0000, 1.0000,
0.0000

 115.5729, 0.3857,
0.2831

 0.0000, 0.0000,
0.0000

 146.4585, 0.3802,

0.2864

182.4078, 0.3756,
0.2893

■ 15.0726, 0.4526,
0.2430

■ 15.0726, 0.4526,
0.2430

■ 13.9170, 0.4771,
0.2456

■ 16.9433, 0.4280,
0.2457

■ 13.3429, 0.4972,
0.2513

■ 19.6263, 0.4047,
0.2528

■ 23.2058, 0.3834,
0.2630

■ 27.7549, 0.3647,
0.2752

■ 33.3391, 0.3485,
0.2884

■ 40.0181, 0.3349,
0.3017

■ 47.8471, 0.3235,
0.3147

■ 56.8773, 0.3140,
0.3271

■ 67.1572, 0.3062,
0.3388

Harmonies

Analogous

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



15.0726, 0.3110, 0.1856



15.0726, 0.4526, 0.2430



15.0726, 0.5533, 0.3149

Triad

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



15.0726, 0.4526, 0.2430



15.0726, 0.3819, 0.5683



15.0726, 0.1105, 0.1843

Complementary

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



15.0726, 0.4526, 0.2430



43.4892, 0.2685, 0.4676

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.



15.0726, 0.1191, 0.2715



15.0726, 0.4526, 0.2430



15.0726, 0.2677, 0.5671

Square

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



15.0726, 0.4526, 0.2430



15.0726, 0.4880, 0.4851



15.0726, 0.1705, 0.4276



15.0726, 0.1359, 0.1515

Rectangle

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



15.0726, 0.4526, 0.2430



15.0726, 0.5672, 0.3667



15.0726, 0.1705, 0.4276



15.0726, 0.1094, 0.2060

Sweetspot

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



15.0734, 0.4526, 0.2430



65.1576, 0.3385, 0.2980



9.4671, 0.2230, 0.1122



13.0560, 0.3433, 0.2932



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.



15.0734, 0.4526, 0.2430



22.9826, 0.4955, 0.2512



13.8757, 0.5962, 0.3298



10.7239, 0.3213, 0.3175



8.4104, 0.4940, 0.2495



0.4129, 0.4485, 0.2244

Inverse Universe

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



15.0734, 0.4526, 0.2430



22.9826, 0.4955, 0.2512



46.3719, 0.2282, 0.3288



10.7239, 0.3213, 0.3175



8.4104, 0.4940, 0.2495



0.4129, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 15.0726, 0.4526, 0.2430 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 15.0726, 0.4526, 0.2430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

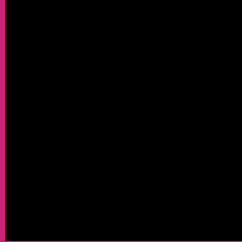
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0726, 0.4526, 0.2430

Background



This preview shows how black text looks on a background with the Yxy color 15.0726, 0.4526, 0.2430.



This preview shows how white text looks on a background with the Yxy color 15.0726, 0.4526, 0.2430.

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

15.0726, 0.4526, 0.2430

Protanopia

15.3334, 0.2359, 0.2249

Deuteranopia

15.3777, 0.3243, 0.3191



Tritanopia

15.1123, 0.5482, 0.3277

Trichromacy



Original Color

15.0726, 0.4526, 0.2430

Protanomaly

12.8870, 0.2937, 0.2164

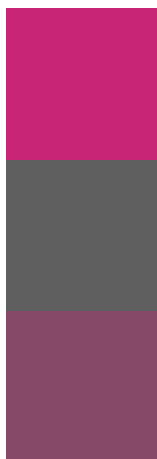
Deuteranomaly

13.4893, 0.3718, 0.2730

Tritanomaly

14.8811, 0.5174, 0.2971

Monochromacy



Original Color

15.0726, 0.4526, 0.2430

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

10.9654, 0.3678, 0.2729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0726, 0.4526, 0.2430 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(201, 37, 119)` looks like.

```
.text, #text, p{  
    color:rgb(201, 37, 119)  
}
```

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(201, 37, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 37, 119) }
```

Border

The CSS property to change the border of an element to Yxy 15.0726, 0.4526, 0.2430 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(201, 37, 119) }
```

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

```
.border{ border-color:rgb(201, 37, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 37, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 37, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 37, 119);  
box-shadow:4px 4px 4px 4px rgb(201, 37,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0726, 0.4526, 0.2430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 37, 119) }
```

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

```
.background{ background-color: rgb(201, 37,  
119) }
```

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