

Converting Colors

$Y_{xy}(15.1516, 0.4467, 0.2365)$

Have a look what the booklet for
Yxy(15.1516, 0.4467, 0.2365)
contains.

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Color

Yxy(15.0743, 0.4470, 0.2367)

Conversions

Conversions Part 1

Format	Color
Hex	CA217B
RGB	202, 33, 123
RGB Percent	79%, 13%, 48%
CMY	0.2080, 0.8701, 0.5177
CMYK	0.00, 0.84, 0.39, 0.21
HSL	328°, 72%, 46%
HSV	328°, 84%, 79%
XYZ	28.4673, 15.0743, 20.1436
YIQ	93.7910, 71.8340, 63.8180

Conversions

Conversions Part 2

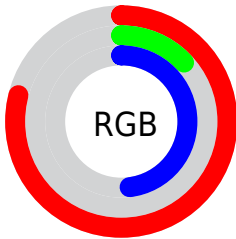
Format	Color
R_{YB}	202, 33, 123
Decimal	13246843
CIE _{Lab}	45.74, 68.43, -7.52
CIE _{LCh}	46, 68.843, 353.729
Yxy	15.0743, 0.4470, 0.2367
Android (android.graphics.Color)	4291436923 (0xFFCA217B)
YUV	93.7910, 14.4000, 94.8993
Hunter-Lab	38.8256, 62.9330, -3.5831

Details

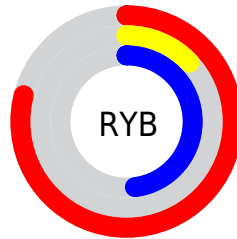
The Yxy color **15.0743, 0.4470, 0.2367** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **43.7194, 0.2715, 0.4810**, and the grayscale version is **11.1085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2788, 0.4083, 0.2543**, and **6.2452, 0.4828, 0.2433** is the 20% darker color. If you saturate the color by 10%, you get **14.0413, 0.4694, 0.2397**, and if you desaturate by 10%, it is **16.8041, 0.4244, 0.2391**.

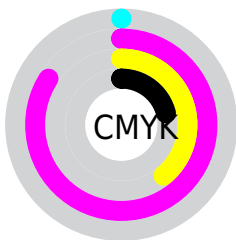
Distribution



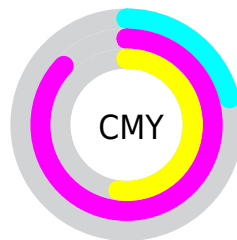
- Red (79%)
- Green (13%)
- Blue (48%)



- Red (79%)
- Yellow (13%)
- Blue (48%)



- Cyan (0%)
- Magenta (84%)
- Yellow (39%)
- Black (21%)





- Cyan (21%)
- Magenta (87%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0743, 0.4470, 0.2367 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 15.0743, 0.4470, 0.2367 by changing the saturation by 10% instead.


 15.0743, 0.4470,
0.2367


 15.0743, 0.4470,
0.2367


223.8155, 0.3696,
0.2885


 8.8715, 0.4704,
0.2218


 34.9835, 0.4160,
0.2570

 4.6575, 0.5033,
0.2013


 49.4587, 0.4053,
0.2641

 2.0477, 0.5522,
0.1721

 67.4602, 0.3965,
0.2700

 0.6350, 0.6334,
0.1241

 89.3723, 0.3893,
0.2749

 0.0000, 0.9909,
0.0000

 115.5795, 0.3832,
0.2791

 0.0000, 1.0000,
0.0000

 146.4662, 0.3780,

 0.0000, 0.0000,

0.2827

0.0000

182.4167, 0.3735,
0.2858

■ 15.0743, 0.4470,
0.2367

■ 15.0743, 0.4470,
0.2367

■ 14.0413, 0.4694,
0.2397

■ 16.8041, 0.4244,
0.2391

■ 13.6229, 0.4835,
0.2437

■ 19.3332, 0.4026,
0.2460

■ 22.7498, 0.3826,
0.2565

■ 27.1296, 0.3647,
0.2691

■ 32.5399, 0.3492,
0.2829

■ 39.0423, 0.3360,
0.2971

■ 46.6932, 0.3249,
0.3110

■ 55.5454, 0.3157,
0.3244

■ 65.6480, 0.3080,
0.3369

Harmonies

Analogous

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



15.0743, 0.3020, 0.1800



15.0743, 0.4470, 0.2367



15.0743, 0.5552, 0.3087

Triad

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



15.0743, 0.4470, 0.2367



15.0743, 0.3889, 0.5690



15.0743, 0.1067, 0.1848

Complementary

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



15.0743, 0.4470, 0.2367



43.7194, 0.2715, 0.4810

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.



15.0743, 0.1173, 0.2776



15.0743, 0.4470, 0.2367



15.0743, 0.2728, 0.5789

Square

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



15.0743, 0.4470, 0.2367



15.0743, 0.4964, 0.4804



15.0743, 0.1721, 0.4418



15.0743, 0.1302, 0.1492

Rectangle

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



15.0743, 0.4470, 0.2367



15.0743, 0.5731, 0.3606



15.0743, 0.1721, 0.4418



15.0743, 0.1062, 0.2079

Sweetspot

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



15.0751, 0.4470, 0.2367



64.0769, 0.3382, 0.2946



8.7959, 0.2146, 0.1056



12.8542, 0.3427, 0.2896



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.



15.0751, 0.4470, 0.2367



23.0298, 0.4862, 0.2452



13.7903, 0.5974, 0.3262



11.3118, 0.3208, 0.3167



8.7883, 0.4807, 0.2422



0.4686, 0.4412, 0.2204

Inverse Universe

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



15.0751, 0.4470, 0.2367



23.0298, 0.4862, 0.2452



46.5481, 0.2300, 0.3372



11.3118, 0.3208, 0.3167



8.7883, 0.4807, 0.2422



0.4686, 0.4412, 0.2204

Previews

White Background



This preview shows how the Yxy color 15.0743, 0.4470, 0.2367 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 15.0743, 0.4470, 0.2367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

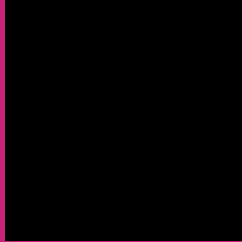
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.0743, 0.4470, 0.2367

Background



This preview shows how black text looks on a background with the Yxy color 15.0743, 0.4470, 0.2367.



This preview shows how white text looks on a background with the Yxy color 15.0743, 0.4470, 0.2367.

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

15.0743, 0.4470, 0.2367

Protanopia

15.4439, 0.2283, 0.2144

Deuteranopia

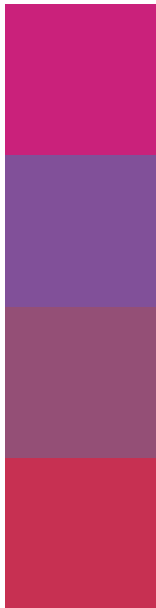
15.3278, 0.3163, 0.3111



Tritanopia

15.1396, 0.5514, 0.3278

Trichromacy



Original Color

15.0743, 0.4470, 0.2367

Protanomaly

12.7044, 0.2849, 0.2048

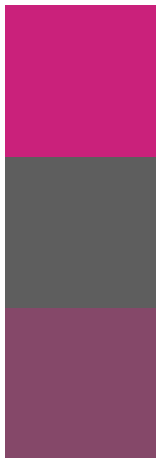
Deuteranomaly

13.1959, 0.3641, 0.2629

Tritanomaly

14.8652, 0.5178, 0.2945

Monochromacy



Original Color

15.0743, 0.4470, 0.2367

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.6412, 0.3650, 0.2671

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0743, 0.4470, 0.2367 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(202, 33, 123)` looks like.

```
.text, #text, p{  
    color:rgb(202, 33, 123)  
}
```

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(202, 33, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 33, 123) }
```

Border

The CSS property to change the border of an element to Yxy 15.0743, 0.4470, 0.2367 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(202, 33, 123) }
```

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

```
.border{ border-color:rgb(202, 33, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 33, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 33, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 33, 123);  
box-shadow:4px 4px 4px 4px rgb(202, 33,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0743, 0.4470, 0.2367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 33, 123) }
```

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

```
.background{ background-color: rgb(202, 33,  
123) }
```

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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