

Converting Colors

$Y_{xy}(15.3999, 0.4767, 0.3058)$

Have a look what the booklet for
Yxy(15.3999, 0.4767, 0.3058)
contains.

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Color

Yxy(15.3992, 0.4763, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	B94658
RGB	185, 70, 88
RGB Percent	73%, 27%, 35%
CMY	0.2745, 0.7255, 0.6548
CMYK	0.00, 0.62, 0.52, 0.27
HSL	351°, 45%, 50%
HSV	351°, 62%, 73%
XYZ	23.9616, 15.3992, 10.9470
YIQ	106.4370, 62.7620, 29.9780

Conversions

Conversions Part 2

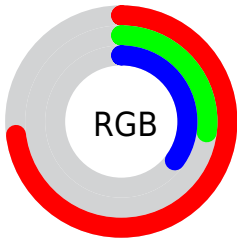
Format	Color
R_{YB}	185, 70, 88
Decimal	12142168
CIE _{Lab}	46.18, 47.86, 14.20
CIE _{LCh}	46, 49.923, 16.528
Yxy	15.3992, 0.4763, 0.3061
Android (android.graphics.Color)	4290332248 (0xFFB94658)
YUV	106.4370, -9.0894, 68.8998
Hunter-Lab	39.2418, 40.3213, 10.9296

Details

The Yxy color **15.3992, 0.4763, 0.3061** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **38.7928, 0.2480, 0.3583**, and the grayscale version is **14.5522, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.4134, 0.4364, 0.3133**, and **4.8384, 0.5503, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **13.1999, 0.5189, 0.3058**, and if you desaturate by 10%, it is **18.3684, 0.4369, 0.3084**.

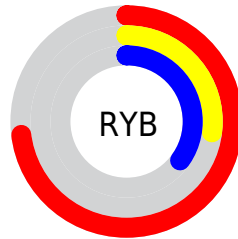
Distribution



Red (73%)

Green (27%)

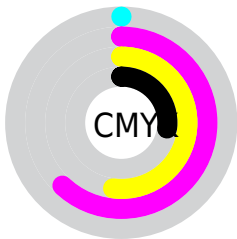
Blue (35%)



Red (73%)

Yellow (27%)

Blue (35%)

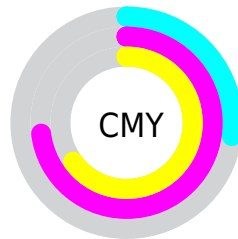


Cyan (0%)

Magenta (62%)

Yellow (52%)

Black (27%)



Cyan (27%)


Magenta (73%)

Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3992, 0.4763, 0.3061 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 15.3992, 0.4763, 0.3061 by changing the saturation by 10% instead.


 15.3992, 0.4763,
0.3061


 15.3992, 0.4763,
0.3061


225.7699, 0.3793,
0.3231

 9.1000, 0.5068,
0.2989


 35.5520, 0.4367,
0.3141


 4.8065, 0.5501,
0.2871

 50.1744, 0.4232,
0.3165

 2.1342, 0.6149,
0.2659

 68.3400, 0.4123,
0.3183

 0.6837, 0.7665,
0.2335

 90.4332, 0.4034,
0.3197

 0.0000, 1.0000,
0.0000

 116.8384, 0.3959,
0.3208

 0.0000, 0.0000,
0.0000

147.9400, 0.3895,

0.3217

184.1224, 0.3840,
0.3224

■ 15.3992, 0.4763,
0.3061

■ 15.3992, 0.4763,
0.3061

■ 13.1999, 0.5189,
0.3058

■ 18.3684, 0.4369,
0.3084

■ 11.6963, 0.5607,
0.3081

■ 22.1674, 0.4026,
0.3119

■ 10.8045, 0.5964,
0.3132

■ 26.8533, 0.3738,
0.3160

■ 10.4041, 0.6179,
0.3178

■ 32.4772, 0.3502,
0.3202

■ 39.0865, 0.3311,
0.3243

■ 46.7253, 0.3156,
0.3282

■ 55.4350, 0.3032,
0.3318

■ 65.2547, 0.2930,
0.3351

■ 76.2217, 0.2848,
0.3380

Harmonies

Analogous

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



15.3992, 0.3868, 0.2470



15.3992, 0.4763, 0.3061



15.3992, 0.5091, 0.3730

Triad

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



15.3992, 0.4763, 0.3061



15.3992, 0.3142, 0.5111



15.3992, 0.1609, 0.1934

Complementary

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



15.3992, 0.4763, 0.3061



38.7928, 0.2480, 0.3583

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.



15.3992, 0.1486, 0.2360



15.3992, 0.4763, 0.3061



15.3992, 0.2276, 0.4360

Square

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



15.3992, 0.4763, 0.3061



15.3992, 0.4053, 0.5020



15.3992, 0.1695, 0.3217



15.3992, 0.2053, 0.1850

Rectangle

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



15.3992, 0.4763, 0.3061



15.3992, 0.4944, 0.4197



15.3992, 0.1695, 0.3217



15.3992, 0.1533, 0.2033

Sweetspot

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



15.4000, 0.4763, 0.3061



61.3573, 0.3443, 0.3214



15.9725, 0.2954, 0.1771



12.5418, 0.3502, 0.3202



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.4000, 0.4763, 0.3061



22.4030, 0.5362, 0.3064



21.5530, 0.4682, 0.3806



9.0346, 0.3264, 0.3254



7.0907, 0.6155, 0.3164



0.2572, 0.5537, 0.2824

Inverse Universe

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



15.4000, 0.4763, 0.3061



22.4030, 0.5362, 0.3064



25.5703, 0.2235, 0.2638



9.0346, 0.3264, 0.3254



7.0907, 0.6155, 0.3164



0.2572, 0.5537, 0.2824

Previews

White Background



This preview shows how the Yxy color 15.3992, 0.4763, 0.3061 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 15.3992, 0.4763, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

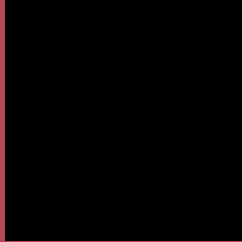
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3992, 0.4763, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 15.3992, 0.4763, 0.3061.



This preview shows how white text looks on a background with the Yxy color 15.3992, 0.4763, 0.3061.

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

15.3992, 0.4763, 0.3061

Protanopia

15.7453, 0.3193, 0.3331

Deuteranopia

15.6784, 0.3793, 0.3736



Tritanopia

15.3609, 0.4928, 0.3231

Trichromacy



Original Color

15.3992, 0.4763, 0.3061

Protanomaly

14.6130, 0.3720, 0.3181

Deuteranomaly

14.9686, 0.4156, 0.3431

Tritanomaly

15.2909, 0.4867, 0.3166

Monochromacy



Original Color

15.3992, 0.4763, 0.3061

Achromatopsia

14.4128, 0.3127, 0.3290

Achromatomaly

13.8805, 0.3700, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3992, 0.4763, 0.3061 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(185, 70, 88)` looks like.

```
.text, #text, p{  
  color:rgb(185, 70, 88)  
}
```

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(185, 70, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 70, 88) }
```

Border

The CSS property to change the border of an element to Yxy 15.3992, 0.4763, 0.3061 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(185, 70, 88) }
```

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

```
.border{ border-color:rgb(185, 70, 88) }
```

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

Here you see how a box with a 4 pixel rgb(185, 70, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 70, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 70, 88);  
box-shadow:4px 4px 4px 4px rgb(185, 70,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3992, 0.4763, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 70, 88) }
```

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

```
.background{ background-color: rgb(185, 70,  
88) }
```

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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