

Converting Colors

$Y_{xy}(15.4657, 0.4659, 0.3038)$

Have a look what the booklet for
Yxy(15.4657, 0.4659, 0.3038)
contains.

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Color

Yxy(15.4573, 0.4670, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	B7485B
RGB	183, 72, 91
RGB Percent	72%, 28%, 36%
CMY	0.2823, 0.7177, 0.6430
CMYK	0.00, 0.61, 0.50, 0.28
HSL	350°, 44%, 50%
HSV	350°, 61%, 72%
XYZ	23.7375, 15.4573, 11.6349
YIQ	107.3550, 60.0570, 29.4410

Conversions

Conversions Part 2

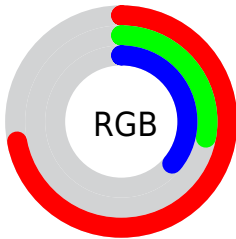
Format	Color
R_{YB}	183, 72, 91
Decimal	12011611
CIE _{Lab}	46.25, 46.54, 12.43
CIE _{LCh}	46, 48.166, 14.953
Yxy	15.4573, 0.4670, 0.3041
Android (android.graphics.Color)	4290201691 (0xFFB7485B)
YUV	107.3550, -8.0630, 66.3407
Hunter-Lab	39.3158, 38.9693, 9.9751

Details

The Yxy color **15.4573, 0.4670, 0.3041** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.9299, 0.2499, 0.3603**, and the grayscale version is **14.8169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6450, 0.4298, 0.3120**, and **4.8202, 0.5362, 0.2846** is the 20% darker color. If you saturate the color by 10%, you get **13.1983, 0.5086, 0.3032**, and if you desaturate by 10%, it is **18.4751, 0.4290, 0.3069**.

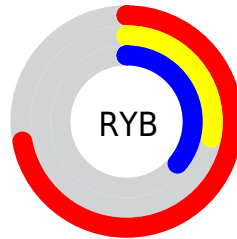
Distribution



Red (72%)

Green (28%)

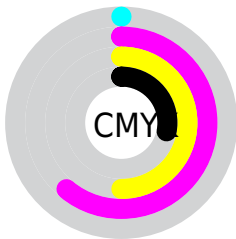
Blue (36%)



Red (72%)

Yellow (28%)

Blue (36%)

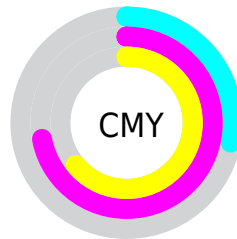


Cyan (0%)

Magenta (61%)

Yellow (50%)

Black (28%)



Cyan (28%)

Magenta (72%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.4573, 0.4670, 0.3041 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 15.4573, 0.4670, 0.3041 by changing the saturation by 10% instead.


 15.4573, 0.4670,
0.3041


 15.4573, 0.4670,
0.3041

226.1177, 0.3755,
0.3217


 9.1410, 0.4959,
0.2970


 35.6534, 0.4296,
0.3122


 4.8332, 0.5371,
0.2855

 50.3020, 0.4169,
0.3147


 2.1498, 0.5995,
0.2653

 68.4968, 0.4066,
0.3166

 0.6924, 0.7605,
0.2395

 90.6222, 0.3982,
0.3180

 0.0000, 1.0000,
0.0000

 117.0626, 0.3911,
0.3192

 0.0000, 0.0000,
0.0000

148.2024, 0.3851,

0.3202

184.4260, 0.3800,
0.3210

■ 15.4573, 0.4670,
0.3041

■ 15.4573, 0.4670,
0.3041

■ 13.1983, 0.5086,
0.3032

■ 18.4751, 0.4290,
0.3069

■ 11.6276, 0.5504,
0.3051

■ 22.3087, 0.3962,
0.3109

■ 10.6662, 0.5875,
0.3099

■ 27.0126, 0.3689,
0.3154

■ 10.1700, 0.6145,
0.3159

■ 32.6361, 0.3465,
0.3201

■ 39.2244, 0.3283,
0.3245

■ 46.8200, 0.3136,
0.3287

■ 55.4628, 0.3017,
0.3326

■ 65.1905, 0.2920,
0.3362

■ 76.0389, 0.2841,
0.3394

Harmonies

Analogous

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



15.4573, 0.3790, 0.2469



15.4573, 0.4670, 0.3041



15.4573, 0.5026, 0.3693

Triad

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



15.4573, 0.4670, 0.3041



15.4573, 0.3198, 0.5054



15.4573, 0.1637, 0.1988

Complementary

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



15.4573, 0.4670, 0.3041



37.9299, 0.2499, 0.3603

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.



15.4573, 0.1535, 0.2427



15.4573, 0.4670, 0.3041



15.4573, 0.2347, 0.4371

Square

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



15.4573, 0.4670, 0.3041



15.4573, 0.4077, 0.4945



15.4573, 0.1760, 0.3279



15.4573, 0.2056, 0.1888

Rectangle

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



15.4573, 0.4670, 0.3041



15.4573, 0.4910, 0.4147



15.4573, 0.1760, 0.3279



15.4573, 0.1569, 0.2092

Sweetspot

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



15.4581, 0.4670, 0.3041



61.0742, 0.3418, 0.3211



15.8035, 0.2937, 0.1792



12.7780, 0.3476, 0.3198



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.



15.4581, 0.4670, 0.3041



22.5035, 0.5236, 0.3035



21.0829, 0.4648, 0.3772



9.0367, 0.3262, 0.3251



7.1007, 0.6120, 0.3145



0.2581, 0.5471, 0.2788

Inverse Universe

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



15.4581, 0.4670, 0.3041



22.5035, 0.5236, 0.3035



25.9316, 0.2261, 0.2690



9.0367, 0.3262, 0.3251



7.1007, 0.6120, 0.3145



0.2581, 0.5471, 0.2788

Previews

White Background



This preview shows how the Yxy color 15.4573, 0.4670, 0.3041 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 15.4573, 0.4670, 0.3041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

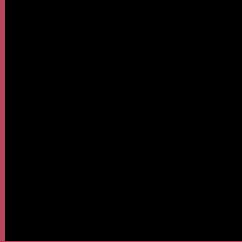
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.4573, 0.4670, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 15.4573, 0.4670, 0.3041.



This preview shows how white text looks on a background with the Yxy color 15.4573, 0.4670, 0.3041.

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

15.4573, 0.4670, 0.3041

Protanopia

15.7224, 0.3154, 0.3290

Deuteranopia

15.6471, 0.3736, 0.3680



Tritanopia

15.4072, 0.4853, 0.3229

Trichromacy



Original Color

15.4573, 0.4670, 0.3041

Protanomaly

14.7483, 0.3669, 0.3162

Deuteranomaly

15.0995, 0.4085, 0.3397

Tritanomaly

15.3347, 0.4792, 0.3163

Monochromacy



Original Color

15.4573, 0.4670, 0.3041

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.0959, 0.3664, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.4573, 0.4670, 0.3041 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(183, 72, 91)` looks like.

```
.text, #text, p{  
    color:rgb(183, 72, 91)  
}
```

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(183, 72, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 72, 91) }
```

Border

The CSS property to change the border of an element to Yxy 15.4573, 0.4670, 0.3041 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(183, 72, 91) }
```

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

```
.border{ border-color:rgb(183, 72, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 72, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 72, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 72, 91);  
box-shadow:4px 4px 4px 4px rgb(183, 72,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 15.4573, 0.4670, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 72, 91) }
```

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

```
.background{ background-color: rgb(183, 72,  
91) }
```

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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