

Converting Colors

$Y_{xy}(15.3741, 0.4737, 0.3162)$

Have a look what the booklet for
Yxy(15.3741, 0.4737, 0.3162)
contains.

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Color

Yxy(15.3755, 0.4733, 0.3173)

Conversions

Conversions Part 1

Format	Color
Hex	B44B54
RGB	180, 75, 84
RGB Percent	71%, 29%, 33%
CMY	0.2942, 0.7058, 0.6706
CMYK	0.00, 0.58, 0.53, 0.29
HSL	355°, 41%, 50%
HSV	355°, 58%, 71%
XYZ	22.9348, 15.3755, 10.1470
YIQ	107.4210, 59.6910, 25.0590

Conversions

Conversions Part 2

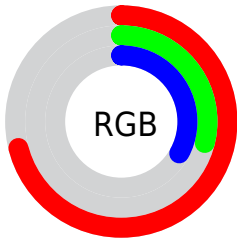
Format	Color
RYB	180, 75, 84
Decimal	11815764
CIELab	46.14, 43.42, 16.47
CIELCh	46, 46.439, 20.773
Yxy	15.3755, 0.4733, 0.3173
Android (android.graphics.Color)	4290005844 (0xFFB44B54)
YUV	107.4210, -11.5466, 63.6518
Hunter-Lab	39.2116, 35.7842, 12.1054

Details

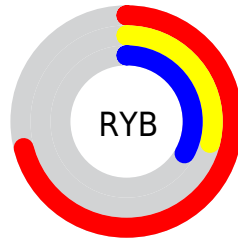
The Yxy color **15.3755, 0.4733, 0.3173** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.0704, 0.2462, 0.3435**, and the grayscale version is **14.8485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6571, 0.4350, 0.3239**, and **4.7844, 0.5465, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **13.0414, 0.5180, 0.3170**, and if you desaturate by 10%, it is **18.4624, 0.4325, 0.3187**.

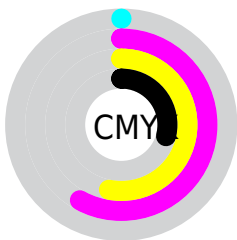
Distribution



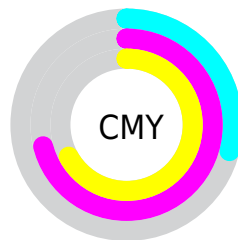
- Red (71%)
- Green (29%)
- Blue (33%)



- Red (71%)
- Yellow (29%)
- Blue (33%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3755, 0.4733, 0.3173 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 15.3755, 0.4733, 0.3173 by changing the saturation by 10% instead.


 15.3755, 0.4733,
0.3173


 15.3755, 0.4733,
0.3173


225.6279, 0.3779,
0.3280


 9.0833, 0.5033,
0.3117


 35.5106, 0.4343,
0.3230


 4.7956, 0.5460,
0.3020

 50.1223, 0.4211,
0.3245


 2.1278, 0.6106,
0.2835

 68.2760, 0.4103,
0.3256

 0.6802, 0.7496,
0.2504

 90.3561, 0.4015,
0.3264

 0.0000, 1.0000,
0.0000

 116.7469, 0.3942,
0.3270

 0.0000, 0.0000,
0.0000

147.8329, 0.3879,

0.3274

183.9984, 0.3826,
0.3278

■ 15.3755, 0.4733,
0.3173

■ 15.3755, 0.4733,
0.3173

■ 13.0414, 0.5180,
0.3170

■ 18.4624, 0.4325,
0.3187

■ 11.3934, 0.5624,
0.3181

■ 22.3565, 0.3974,
0.3206

■ 10.3572, 0.6005,
0.3209

■ 27.1099, 0.3683,
0.3229

■ 9.8107, 0.6269,
0.3244

■ 32.7699, 0.3447,
0.3251

■ 9.7362, 0.6304,
0.3246

■ 39.3799, 0.3257,
0.3273

■ 46.9811, 0.3104,
0.3293

■ 55.6117, 0.2980,
0.3312

■ 65.3082, 0.2880,
0.3329

■ 76.1053, 0.2799,
0.3344

Harmonies

Analogous

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



15.3755, 0.3956, 0.2592



15.3755, 0.4733, 0.3173



15.3755, 0.4961, 0.3820

Triad

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



15.3755, 0.4733, 0.3173



15.3755, 0.3033, 0.4918



15.3755, 0.1732, 0.1983

Complementary

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



15.3755, 0.4733, 0.3173



37.0704, 0.2462, 0.3435

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.



15.3755, 0.1573, 0.2344



15.3755, 0.4733, 0.3173



15.3755, 0.2238, 0.4135

Square

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



15.3755, 0.4733, 0.3173



15.3755, 0.3900, 0.4963



15.3755, 0.1730, 0.3095



15.3755, 0.2204, 0.1939

Rectangle

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



15.3755, 0.4733, 0.3173



15.3755, 0.4783, 0.4260



15.3755, 0.1730, 0.3095



15.3755, 0.1645, 0.2064

Sweetspot

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



15.3763, 0.4733, 0.3173



60.5813, 0.3426, 0.3253



16.8184, 0.3058, 0.1889



12.6214, 0.3467, 0.3249



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



15.3763, 0.4733, 0.3173



22.6690, 0.5311, 0.3171



22.9329, 0.4477, 0.3882



8.5167, 0.3274, 0.3271



6.8016, 0.6287, 0.3237



0.2179, 0.5863, 0.3003

Inverse Universe

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



15.3763, 0.4733, 0.3173



22.6690, 0.5311, 0.3171



22.9672, 0.2254, 0.2560



8.5167, 0.3274, 0.3271



6.8016, 0.6287, 0.3237



0.2179, 0.5863, 0.3003

Previews

White Background



This preview shows how the Yxy color 15.3755, 0.4733, 0.3173 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 15.3755, 0.4733, 0.3173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

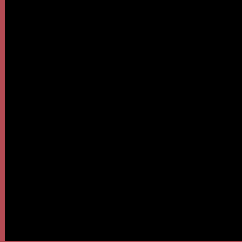
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.3755, 0.4733, 0.3173

Background



This preview shows how black text looks on a background with the Yxy color 15.3755, 0.4733, 0.3173.



This preview shows how white text looks on a background with the Yxy color 15.3755, 0.4733, 0.3173.

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

15.3755, 0.4733, 0.3173

Protanopia

15.6689, 0.3297, 0.3475

Deuteranopia

15.4135, 0.3857, 0.3794



Tritanopia

15.4663, 0.4777, 0.3227

Trichromacy



Original Color

15.3755, 0.4733, 0.3173

Protanomaly

14.7789, 0.3789, 0.3329

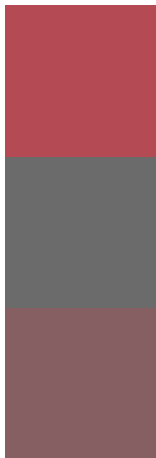
Deuteranomaly

14.8954, 0.4182, 0.3519

Tritanomaly

15.4814, 0.4760, 0.3214

Monochromacy



Original Color

15.3755, 0.4733, 0.3173

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.1536, 0.3675, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.3755, 0.4733, 0.3173 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(180, 75, 84)` looks like.

```
.text, #text, p{  
  color:rgb(180, 75, 84)  
}
```

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(180, 75, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 75, 84) }
```

Border

The CSS property to change the border of an element to Yxy 15.3755, 0.4733, 0.3173 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(180, 75, 84) }
```

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

```
.border{ border-color:rgb(180, 75, 84) }
```

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

Here you see how a box with a 4 pixel rgb(180, 75, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 75, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 75, 84);  
box-shadow:4px 4px 4px 4px rgb(180, 75,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3755, 0.4733, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 75, 84) }
```

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

```
.background{ background-color: rgb(180, 75,  
84) }
```

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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