

Converting Colors

$Y_{xy}(15.3749, 0.4740, 0.3145)$

Have a look what the booklet for
Yxy(15.3749, 0.4740, 0.3145)
contains.

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Color

Yxy(15.3772, 0.4736, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	B54A55
RGB	181, 74, 85
RGB Percent	71%, 29%, 33%
CMY	0.2903, 0.7097, 0.6666
CMYK	0.00, 0.59, 0.53, 0.29
HSL	354°, 42%, 50%
HSV	354°, 59%, 71%
XYZ	23.1415, 15.3772, 10.3443
YIQ	107.2470, 60.2410, 26.1050

Conversions

Conversions Part 2

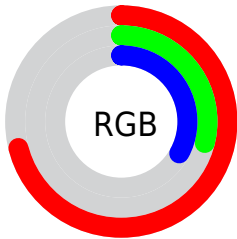
Format	Color
R _Y B	181, 74, 85
Decimal	11881045
CIE Lab	46.15, 44.34, 15.89
CIE LCh	46, 47.104, 19.715
Yxy	15.3772, 0.4736, 0.3147
Android (android.graphics.Color)	4290071125 (0xFFB54A55)
YUV	107.2470, -10.9678, 64.6814
Hunter-Lab	39.2138, 36.7155, 11.8094

Details

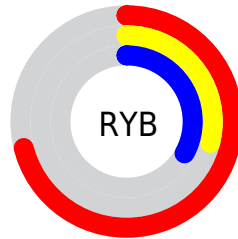
The Yxy color **15.3772, 0.4736, 0.3147** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.3989, 0.2467, 0.3468**, and the grayscale version is **14.7958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.6007, 0.4353, 0.3217**, and **4.7968, 0.5468, 0.2991** is the 20% darker color. If you saturate the color by 10%, you get **13.0693, 0.5178, 0.3143**, and if you desaturate by 10%, it is **18.4411, 0.4331, 0.3163**.

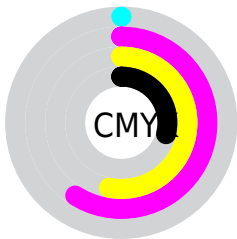
Distribution



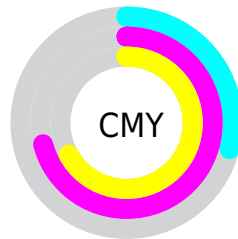
- Red (71%)
- Green (29%)
- Blue (33%)



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



- Cyan (0%)
- Magenta (59%)
- Yellow (53%)
- Black (29%)



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.3772, 0.4736, 0.3147 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 15.3772, 0.4736, 0.3147 by changing the saturation by 10% instead.


 15.3772, 0.4736,
0.3147


 15.3772, 0.4736,
0.3147


225.6381, 0.3781,
0.3269


 9.0845, 0.5037,
0.3088


 35.5136, 0.4346,
0.3209


 4.7964, 0.5464,
0.2985

 50.1260, 0.4213,
0.3226

 2.1283, 0.6109,
0.2794

 68.2806, 0.4105,
0.3239

 0.6805, 0.7533,
0.2467

 90.3616, 0.4017,
0.3248

 0.0000, 1.0000,
0.0000

 116.7535, 0.3944,
0.3255

 0.0000, 0.0000,
0.0000

147.8406, 0.3881,

0.3261

184.0073, 0.3827,
0.3265

■ 15.3772, 0.4736,
0.3147

■ 15.3772, 0.4736,
0.3147

■ 13.0693, 0.5178,
0.3143

■ 18.4411, 0.4331,
0.3163

■ 11.4493, 0.5617,
0.3157

■ 22.3164, 0.3983,
0.3187

■ 10.4414, 0.5994,
0.3190

■ 27.0562, 0.3694,
0.3214

■ 9.9075, 0.6259,
0.3231

■ 32.7083, 0.3458,
0.3241

■ 9.8671, 0.6279,
0.3232

■ 39.3171, 0.3268,
0.3267

■ 46.9240, 0.3115,
0.3292

■ 55.5681, 0.2991,
0.3315

■ 65.2863, 0.2891,
0.3336

■ 76.1137, 0.2810,
0.3354

Harmonies

Analogous

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



15.3772, 0.3934, 0.2564



15.3772, 0.4736, 0.3147



15.3772, 0.4987, 0.3798

Triad

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



15.3772, 0.4736, 0.3147



15.3772, 0.3060, 0.4960



15.3772, 0.1705, 0.1974

Complementary

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



15.3772, 0.4736, 0.3147



37.3989, 0.2467, 0.3468

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.



15.3772, 0.1555, 0.2351



15.3772, 0.4736, 0.3147



15.3772, 0.2250, 0.4185

Square

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



15.3772, 0.4736, 0.3147



15.3772, 0.3935, 0.4974



15.3772, 0.1725, 0.3124



15.3772, 0.2170, 0.1920

Rectangle

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



15.3772, 0.4736, 0.3147



15.3772, 0.4818, 0.4244



15.3772, 0.1725, 0.3124



15.3772, 0.1621, 0.2060

Sweetspot

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



15.3780, 0.4736, 0.3147



59.4749, 0.3441, 0.3243



16.6161, 0.3034, 0.1864



12.1804, 0.3503, 0.3235



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.



15.3780, 0.4736, 0.3147



22.3907, 0.5316, 0.3145



22.5830, 0.4520, 0.3863



8.5190, 0.3271, 0.3267



6.8089, 0.6259, 0.3222



0.2188, 0.5769, 0.2951

Inverse Universe

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



15.3780, 0.4736, 0.3147



22.3907, 0.5316, 0.3145



23.5426, 0.2251, 0.2580



8.5190, 0.3271, 0.3267



6.8089, 0.6259, 0.3222



0.2188, 0.5769, 0.2951

Previews

White Background



This preview shows how the Yxy color 15.3772, 0.4736, 0.3147 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 15.3772, 0.4736, 0.3147 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 15.3772, 0.4736, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 15.3772, 0.4736, 0.3147.

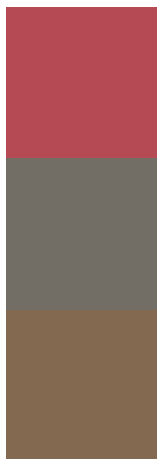


This preview shows how white text looks on a background with the Yxy color 15.3772, 0.4736, 0.3147.

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

15.3772, 0.4736, 0.3147

Protanopia

15.6886, 0.3284, 0.3455

Deuteranopia

15.4282, 0.3842, 0.3775



Tritanopia

15.4351, 0.4815, 0.3228

Trichromacy



Original Color

15.3772, 0.4736, 0.3147

Protanomaly

14.7972, 0.3774, 0.3310

Deuteranomaly

15.0042, 0.4181, 0.3501

Tritanomaly

15.4651, 0.4781, 0.3201

Monochromacy



Original Color

15.3772, 0.4736, 0.3147

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 15.3772, 0.4736, 0.3147 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(181, 74, 85)` looks like.

```
.text, #text, p{  
    color:rgb(181, 74, 85)  
}
```

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(181, 74, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 74, 85) }
```

Border

The CSS property to change the border of an element to Yxy 15.3772, 0.4736, 0.3147 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(181, 74, 85) }
```

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

```
.border{ border-color:rgb(181, 74, 85) }
```

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

Here you see how a box with a 4 pixel rgb(181, 74, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 74, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 74, 85);  
box-shadow:4px 4px 4px 4px rgb(181, 74,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 15.3772, 0.4736, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 74, 85) }
```

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

```
.background{ background-color: rgb(181, 74,  
85) }
```

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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