

Converting Colors

$Yxy(16.0346, 0.4743, 0.3137)$

Have a look what the booklet for
Yxy(16.0346, 0.4743, 0.3137)
contains.

Yxy(16.0346, 0.4743, 0.3137)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.0346, 0.4743, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	B94B57
RGB	185, 75, 87
RGB Percent	73%, 29%, 34%
CMY	0.2745, 0.7058, 0.6588
CMYK	0.00, 0.59, 0.53, 0.27
HSL	353°, 44%, 51%
HSV	353°, 59%, 73%
XYZ	24.2436, 16.0346, 10.8363
YIQ	109.2580, 61.7080, 27.0520

Conversions

Conversions Part 2

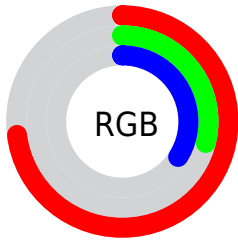
Format	Color
R_{YB}	185, 75, 87
Decimal	12143447
CIE _{Lab}	47.02, 45.46, 15.97
CIE _{LCh}	47, 48.182, 19.359
Yxy	16.0346, 0.4743, 0.3137
Android (android.graphics.Color)	4290333527 (0xFFB94B57)
YUV	109.2580, -10.9732, 66.4257
Hunter-Lab	40.0432, 37.9945, 11.9855

Details

The Yxy color **16.0346, 0.4743, 0.3137** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.2092, 0.2467, 0.3481**, and the grayscale version is **15.3899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6570, 0.4351, 0.3197**, and **5.1118, 0.5463, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **13.6407, 0.5184, 0.3133**, and if you desaturate by 10%, it is **19.2213, 0.4339, 0.3154**.

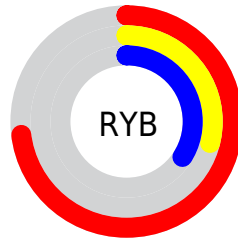
Distribution



Red (73%)

Green (29%)

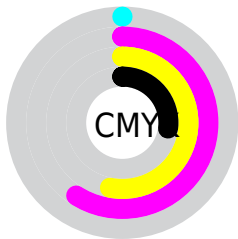
Blue (34%)



Red (73%)

Yellow (29%)

Blue (34%)

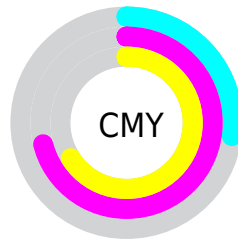


Cyan (0%)

Magenta (59%)

Yellow (53%)

Black (27%)



Cyan (27%)


Magenta (71%)

Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.0346, 0.4743, 0.3137 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 16.0346, 0.4743, 0.3137 by changing the saturation by 10% instead.


 16.0346, 0.4743,
0.3137


 16.0346, 0.4743,
0.3137


229.5458, 0.3789,
0.3264


 9.5486, 0.5040,
0.3077


 36.6583, 0.4355,
0.3201


 5.1007, 0.5459,
0.2975

 51.5648, 0.4223,
0.3219


 2.3065, 0.6084,
0.2787

 70.0469, 0.4115,
0.3232

 0.7771, 0.7477,
0.2523

 92.4890, 0.4027,
0.3242

 0.0000, 1.0000,
0.0000

 119.2756, 0.3953,
0.3250

 0.0000, 0.0000,
0.0000

150.7910, 0.3890,

0.3255

187.4196, 0.3836,
0.3260

■ 16.0346, 0.4743,
0.3137

■ 16.0346, 0.4743,
0.3137

■ 13.6407, 0.5184,
0.3133

■ 19.2213, 0.4339,
0.3154

■ 11.9674, 0.5621,
0.3148

■ 23.2594, 0.3990,
0.3179

■ 10.9341, 0.5995,
0.3183

■ 28.2050, 0.3700,
0.3208

■ 10.3902, 0.6259,
0.3227

■ 34.1088, 0.3464,
0.3237

■ 10.3649, 0.6271,
0.3228

■ 41.0176, 0.3273,
0.3265

■ 48.9752, 0.3120,
0.3291

■ 58.0227, 0.2996,
0.3316

■ 68.1993, 0.2896,
0.3338

■ 79.5418, 0.2814,
0.3358

Harmonies

Analogous

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



16.0346, 0.3929, 0.2552



16.0346, 0.4743, 0.3137



16.0346, 0.5003, 0.3791

Triad

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



16.0346, 0.4743, 0.3137



16.0346, 0.3068, 0.4981



16.0346, 0.1692, 0.1967

Complementary

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



16.0346, 0.4743, 0.3137



39.2092, 0.2467, 0.3481

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.



16.0346, 0.1545, 0.2349



16.0346, 0.4743, 0.3137



16.0346, 0.2250, 0.4206

Square

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



16.0346, 0.4743, 0.3137



16.0346, 0.3949, 0.4983



16.0346, 0.1719, 0.3133



16.0346, 0.2155, 0.1910

Rectangle

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



16.0346, 0.4743, 0.3137



16.0346, 0.4835, 0.4241



16.0346, 0.1719, 0.3133



16.0346, 0.1609, 0.2054

Sweetspot

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



16.0355, 0.4743, 0.3137



62.4324, 0.3439, 0.3240



17.3252, 0.3033, 0.1855



12.7473, 0.3501, 0.3232



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.



16.0355, 0.4743, 0.3137



23.4984, 0.5305, 0.3135



23.5843, 0.4534, 0.3867



9.0277, 0.3271, 0.3265



7.0635, 0.6251, 0.3217



0.2543, 0.5765, 0.2950

Inverse Universe

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



16.0355, 0.4743, 0.3137



23.4984, 0.5305, 0.3135



24.5940, 0.2245, 0.2574



9.0277, 0.3271, 0.3265



7.0635, 0.6251, 0.3217



0.2543, 0.5765, 0.2950

Previews

White Background



This preview shows how the Yxy color 16.0346, 0.4743, 0.3137 looks on a white background.

Color Contrast Check

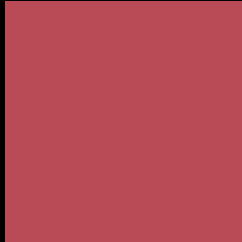
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.0346, 0.4743, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

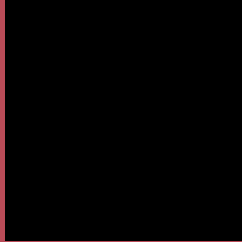
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0346, 0.4743, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 16.0346, 0.4743, 0.3137.



This preview shows how white text looks on a background with the Yxy color 16.0346, 0.4743, 0.3137.

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

16.0346, 0.4743, 0.3137

Protanopia

16.3213, 0.3269, 0.3431

Deuteranopia

16.1111, 0.3845, 0.3765



Tritanopia

16.0773, 0.4837, 0.3230

Trichromacy



Original Color

16.0346, 0.4743, 0.3137

Protanomaly

15.4682, 0.3777, 0.3310

Deuteranomaly

15.4999, 0.4185, 0.3480

Tritanomaly

16.1077, 0.4804, 0.3204

Monochromacy



Original Color

16.0346, 0.4743, 0.3137

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

14.8073, 0.3681, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0346, 0.4743, 0.3137 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, 75, 87)` looks like.

```
.text, #text, p{  
  color:rgb(185, 75, 87)  
}
```

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, 75, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 75, 87) }
```

Border

The CSS property to change the border of an element to Yxy 16.0346, 0.4743, 0.3137 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, 75, 87) }
```

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

```
.border{ border-color:rgb(185, 75, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 75, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 75, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 75, 87);  
box-shadow:4px 4px 4px 4px rgb(185, 75,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0346, 0.4743, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 75, 87) }
```

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

```
.background{ background-color: rgb(185, 75,  
87) }
```

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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