

Converting Colors

$Y_{xy}(17.4623, 0.4838, 0.3392)$

Have a look what the booklet for
Yxy(17.4623, 0.4838, 0.3392)
contains.

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Color

Yxy(17.4719, 0.4833, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	BA554D
RGB	186, 85, 77
RGB Percent	73%, 33%, 30%
CMY	0.2706, 0.6666, 0.6981
CMYK	0.00, 0.54, 0.59, 0.27
HSL	4°, 44%, 52%
HSV	4°, 59%, 73%
XYZ	24.8358, 17.4719, 9.0802
YIQ	114.2870, 62.7640, 18.9240

Conversions

Conversions Part 2

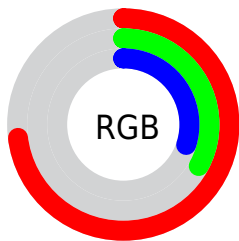
Format	Color
RYB	186, 86, 77
Decimal	12211533
CIELab	48.85, 40.13, 24.43
CIElCh	49, 46.984, 31.329
Yxy	17.4719, 0.4833, 0.3400
Android (android.graphics.Color)	4290401613 (0xFFBA554D)
YUV	114.2870, -18.3825, 62.8923
Hunter-Lab	41.7994, 32.9097, 16.3798

Details

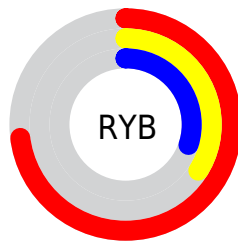
The Yxy color **17.4719, 0.4833, 0.3400** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.9449, 0.2381, 0.3161**, and the grayscale version is **16.9608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.9905, 0.4437, 0.3411**, and **5.7867, 0.5539, 0.3297** is the 20% darker color. If you saturate the color by 10%, you get **14.8559, 0.5288, 0.3404**, and if you desaturate by 10%, it is **20.8253, 0.4409, 0.3386**.

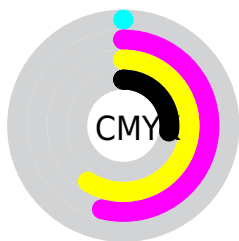
Distribution



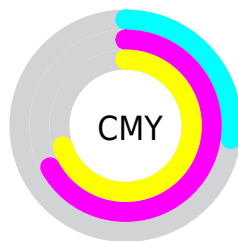
- Red (73%)
- Green (33%)
- Blue (30%)



- Red (73%)
- Yellow (34%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (59%)
- Black (27%)




- Cyan (27%)
- Magenta (67%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.4719, 0.4833, 0.3400 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 17.4719, 0.4833, 0.3400 by changing the saturation by 10% instead.


 17.4719, 0.4833,
0.3400


 17.4719, 0.4833,
0.3400


237.8773, 0.3840,
0.3391


 10.5715, 0.5130,
0.3372


 39.1354, 0.4436,
0.3415


 5.7795, 0.5538,
0.3309

 54.6672, 0.4298,
0.3414


 2.7115, 0.6155,
0.3183

 73.8451, 0.4185,
0.3412

 0.9830, 0.7118,
0.2882

 97.0533, 0.4092,
0.3408

 0.0000, 1.0000,
0.0000

 124.6762, 0.4014,
0.3404

 0.0000, 0.0000,
0.0000

157.0982, 0.3948,

0.3399

194.7038, 0.3890,
0.3395

■ 17.4719, 0.4833,
0.3400

■ 17.4719, 0.4833,
0.3400

■ 14.8559, 0.5288,
0.3404

■ 20.8253, 0.4409,
0.3386

■ 12.9190, 0.5728,
0.3396

■ 24.9629, 0.4040,
0.3368

■ 11.5991, 0.6088,
0.3373

■ 29.9310, 0.3731,
0.3347

■ 10.8174, 0.6321,
0.3344

■ 35.7716, 0.3478,
0.3326

■ 10.7445, 0.6347,
0.3343

■ 42.5236, 0.3273,
0.3306

■ 50.2239, 0.3106,
0.3288

■ 58.9069, 0.2971,
0.3271

■ 68.6058, 0.2861,
0.3255

■ 79.3519, 0.2770,
0.3242

Harmonies

Analogous

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



17.4719, 0.4240, 0.2800



17.4719, 0.4833, 0.3400



17.4719, 0.4849, 0.4043

Triad

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



17.4719, 0.4833, 0.3400



17.4719, 0.2748, 0.4666



17.4719, 0.1893, 0.1969

Complementary

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



17.4719, 0.4833, 0.3400



36.9449, 0.2381, 0.3161

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.



17.4719, 0.1630, 0.2207



17.4719, 0.4833, 0.3400



17.4719, 0.2051, 0.3748

Square

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



17.4719, 0.4833, 0.3400



17.4719, 0.3595, 0.4977



17.4719, 0.1674, 0.2804



17.4719, 0.2467, 0.2018

Rectangle

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



17.4719, 0.4833, 0.3400



17.4719, 0.4570, 0.4460



17.4719, 0.1674, 0.2804



17.4719, 0.1772, 0.2013

Sweetspot

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



17.4728, 0.4833, 0.3400



65.2037, 0.3471, 0.3325



18.9863, 0.3280, 0.2009



13.6358, 0.3539, 0.3331



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



17.4728, 0.4833, 0.3400



25.9230, 0.5404, 0.3404



29.3673, 0.4323, 0.4124



9.1157, 0.3286, 0.3307



7.2733, 0.6335, 0.3352



0.2925, 0.6092, 0.3545

Inverse Universe

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



36.9449, 0.2381, 0.3161



64.2836, 0.2289, 0.3129



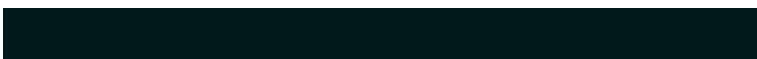
19.5915, 0.2178, 0.2227



10.0942, 0.2985, 0.3273



22.3567, 0.2184, 0.3061



0.8221, 0.2201, 0.3124

Previews

White Background



This preview shows how the Yxy color 17.4719, 0.4833, 0.3400 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 17.4719, 0.4833, 0.3400 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 17.4719, 0.4833, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 17.4719, 0.4833, 0.3400.



This preview shows how white text looks on a background with the Yxy color 17.4719, 0.4833, 0.3400.

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

17.4719, 0.4833, 0.3400

Protanopia

17.5141, 0.3558, 0.3799

Deuteranopia

17.4995, 0.4063, 0.3986



Tritanopia

17.4726, 0.4672, 0.3215

Trichromacy



Original Color

17.4719, 0.4833, 0.3400

Protanomaly

16.9621, 0.4021, 0.3642

Deuteranomaly

17.1653, 0.4343, 0.3748

Tritanomaly

17.5613, 0.4728, 0.3282

Monochromacy



Original Color

17.4719, 0.4833, 0.3400

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2155, 0.3697, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4719, 0.4833, 0.3400 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(186, 85, 77)` looks like.

```
.text, #text, p{  
    color:rgb(186, 85, 77)  
}
```

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(186, 85, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 85, 77) }
```

Border

The CSS property to change the border of an element to Yxy 17.4719, 0.4833, 0.3400 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(186, 85, 77) }
```

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

```
.border{ border-color:rgb(186, 85, 77) }
```

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

Here you see how a box with a 4 pixel rgb(186, 85, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 85, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 85, 77);  
box-shadow:4px 4px 4px 4px rgb(186, 85,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4719, 0.4833, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 85, 77) }
```

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

```
.background{ background-color: rgb(186, 85,  
77) }
```

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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