

Converting Colors

$Yxy(16.1755, 0.4803, 0.3337)$

Have a look what the booklet for
Yxy(16.1755, 0.4803, 0.3337)
contains.

Yxy(16.2587, 0.4795, 0.3335)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.2587, 0.4795, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	B5514E
RGB	181, 81, 78
RGB Percent	71%, 32%, 31%
CMY	0.2901, 0.6824, 0.6941
CMYK	0.00, 0.55, 0.57, 0.29
HSL	2°, 41%, 51%
HSV	2°, 57%, 71%
XYZ	23.3765, 16.2587, 9.1166
YIQ	110.5580, 60.5630, 20.2670

Conversions

Conversions Part 2

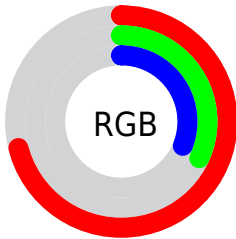
Format	Color
RYB	181, 81, 78
Decimal	11882830
CIELab	47.31, 40.37, 21.66
CIELCh	47, 45.816, 28.218
Yxy	16.2587, 0.4795, 0.3335
Android (android.graphics.Color)	4290072910 (0xFFB5514E)
YUV	110.5580, -16.0511, 61.7776
Hunter-Lab	40.3221, 32.9205, 14.8204

Details

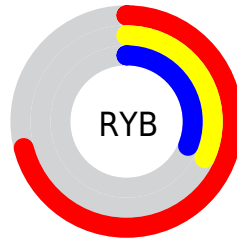
The Yxy color **16.2587, 0.4795, 0.3335** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.8117, 0.2413, 0.3240**, and the grayscale version is **15.7962, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.0081, 0.4402, 0.3359**, and **5.2052, 0.5508, 0.3223** is the 20% darker color. If you saturate the color by 10%, you get **13.7520, 0.5260, 0.3338**, and if you desaturate by 10%, it is **19.5148, 0.4366, 0.3329**.

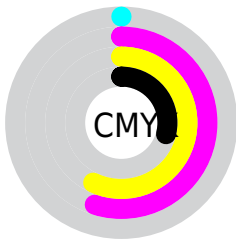
Distribution



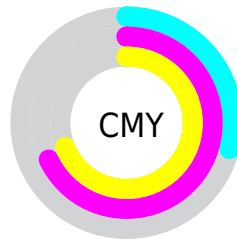
- Red (71%)
- Green (32%)
- Blue (31%)



- Red (71%)
- Yellow (32%)
- Blue (31%)



- Cyan (0%)
- Magenta (55%)
- Yellow (57%)
- Black (29%)





- Cyan (29%)
- Magenta (68%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.2587, 0.4795, 0.3335 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 16.2587, 0.4795, 0.3335 by changing the saturation by 10% instead.


 16.2587, 0.4795,
0.3335


 16.2587, 0.4795,
0.3335


230.8634, 0.3813,
0.3358

 9.7074, 0.5096,
0.3300


 37.0467, 0.4398,
0.3361


 5.2054, 0.5517,
0.3226

 52.0523, 0.4261,
0.3365


 2.3683, 0.6168,
0.3086

 70.6447, 0.4150,
0.3366

 0.8095, 0.7241,
0.2759

 93.2083, 0.4059,
0.3365

 0.0000, 1.0000,
0.0000

 120.1276, 0.3983,
0.3364

 0.0000, 0.0000,
0.0000

151.7870, 0.3918,

0.3362

188.5708, 0.3862,
0.3360

■ 16.2587, 0.4795,
0.3335

■ 16.2587, 0.4795,
0.3335

■ 13.7520, 0.5260,
0.3338

■ 19.5148, 0.4366,
0.3329

■ 11.9326, 0.5715,
0.3335

■ 23.5705, 0.3997,
0.3321

■ 10.7330, 0.6089,
0.3327

■ 28.4750, 0.3691,
0.3312

■ 10.0698, 0.6324,
0.3316

■ 34.2725, 0.3442,
0.3303

■ 9.9390, 0.6379,
0.3317

■ 41.0044, 0.3242,
0.3295

■ 48.7094, 0.3081,
0.3288

■ 57.4240, 0.2951,
0.3281

■ 67.1827, 0.2846,
0.3275

■ 78.0187, 0.2760,
0.3270

Harmonies

Analogous

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



16.2587, 0.4152, 0.2743



16.2587, 0.4795, 0.3335



16.2587, 0.4872, 0.3976

Triad

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



16.2587, 0.4795, 0.3335



16.2587, 0.2834, 0.4732



16.2587, 0.1853, 0.1980

Complementary

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



16.2587, 0.4795, 0.3335



36.8117, 0.2413, 0.3240

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.



16.2587, 0.1622, 0.2253



16.2587, 0.4795, 0.3335



16.2587, 0.2111, 0.3854

Square

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



16.2587, 0.4795, 0.3335



16.2587, 0.3682, 0.4965



16.2587, 0.1698, 0.2888



16.2587, 0.2393, 0.2002

Rectangle

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



16.2587, 0.4795, 0.3335



16.2587, 0.4624, 0.4397



16.2587, 0.1698, 0.2888



16.2587, 0.1742, 0.2035

Sweetspot

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



16.2596, 0.4795, 0.3335



60.9434, 0.3451, 0.3304



18.5430, 0.3210, 0.1987



12.7059, 0.3496, 0.3305



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.



16.2596, 0.4795, 0.3335



23.7945, 0.5365, 0.3338



26.6703, 0.4324, 0.4035



8.5433, 0.3286, 0.3297



6.8684, 0.6374, 0.3321



0.2291, 0.6266, 0.3407

Inverse Universe

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



36.8117, 0.2413, 0.3240



64.0599, 0.2325, 0.3228



20.3427, 0.2226, 0.2361



9.5885, 0.2986, 0.3283



23.6606, 0.2222, 0.3200



0.7575, 0.2230, 0.3226

Previews

White Background



This preview shows how the Yxy color 16.2587, 0.4795, 0.3335 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 16.2587, 0.4795, 0.3335 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 16.2587, 0.4795, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 16.2587, 0.4795, 0.3335.



This preview shows how white text looks on a background with the Yxy color 16.2587, 0.4795, 0.3335.

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

16.2587, 0.4795, 0.3335

Protanopia

16.5049, 0.3475, 0.3713

Deuteranopia

16.4404, 0.4004, 0.3937



Tritanopia

16.2170, 0.4688, 0.3226

Trichromacy



Original Color

16.2587, 0.4795, 0.3335

Protanomaly

15.7463, 0.3947, 0.3546

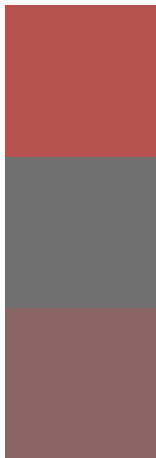
Deuteranomaly

15.9188, 0.4297, 0.3680

Tritanomaly

16.1703, 0.4738, 0.3268

Monochromacy



Original Color

16.2587, 0.4795, 0.3335

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.2494, 0.3682, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.2587, 0.4795, 0.3335 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, 81, 78)` looks like.

```
.text, #text, p{  
    color:rgb(181, 81, 78)  
}
```

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, 81, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 81, 78) }
```

Border

The CSS property to change the border of an element to Yxy 16.2587, 0.4795, 0.3335 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, 81, 78) }
```

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

```
.border{ border-color:rgb(181, 81, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 81, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 81, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 81, 78);  
box-shadow:4px 4px 4px 4px rgb(181, 81,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 16.2587, 0.4795, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 81, 78) }
```

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

```
.background{ background-color: rgb(181, 81,  
78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor