

Converting Colors

$Y_{xy}(17.0698, 0.4874, 0.3535)$

Have a look what the booklet for
Yxy(17.0698, 0.4874, 0.3535)
contains.

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Color

Yxy(17.0698, 0.4874, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	B55745
RGB	181, 87, 69
RGB Percent	71%, 34%, 27%
CMY	0.2903, 0.6588, 0.7295
CMYK	0.00, 0.52, 0.62, 0.29
HSL	10°, 45%, 49%
HSV	10°, 62%, 71%
XYZ	23.5356, 17.0698, 7.6826
YIQ	113.0540, 61.8020, 14.3300

Conversions

Conversions Part 2

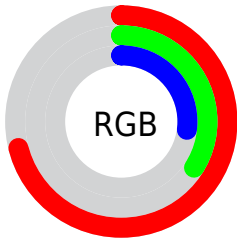
Format	Color
R_{YB}	181, 90, 69
Decimal	11884357
CIE Lab	48.35, 36.62, 28.30
CIE LCh	48, 46.278, 37.700
Yxy	17.0698, 0.4874, 0.3535
Android (android.graphics.Color)	4290074437 (0xFFB55745)
YUV	113.0540, -21.7186, 59.5886
Hunter-Lab	41.3156, 29.3807, 17.8960

Details

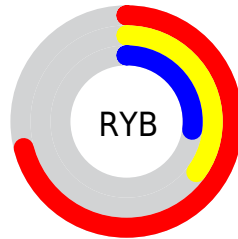
The Yxy color **17.0698, 0.4874, 0.3535** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **30.7792, 0.2317, 0.2987**, and the grayscale version is **16.5834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4740, 0.4465, 0.3522**, and **5.6043, 0.5581, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **14.6731, 0.5300, 0.3542**, and if you desaturate by 10%, it is **20.0541, 0.4469, 0.3508**.

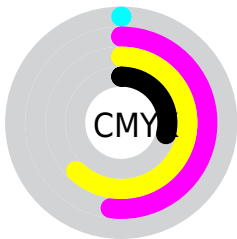
Distribution



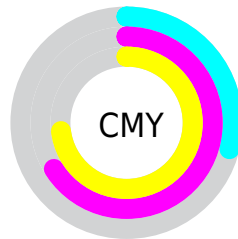
- Red (71%)
- Green (34%)
- Blue (27%)



- Red (71%)
- Yellow (35%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (62%)
- Black (29%)





- Cyan (29%)
- Magenta (66%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0698, 0.4874, 0.3535 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 17.0698, 0.4874, 0.3535 by changing the saturation by 10% instead.


 17.0698, 0.4874,
0.3535


 17.0698, 0.4874,
0.3535


235.5743, 0.3858,
0.3456

 10.2843, 0.5175,
0.3521


 38.4457, 0.4469,
0.3526

 5.5878, 0.5583,
0.3472

 53.8050, 0.4327,
0.3515


 2.5961, 0.6286,
0.3408

 72.7908, 0.4212,
0.3504

 0.9247, 0.7000,
0.3000

 95.7878, 0.4117,
0.3494

 0.0000, 1.0000,
0.0000

 123.1802, 0.4037,
0.3483

 0.0000, 0.0000,
0.0000

155.3525, 0.3968,

0.3474

192.6891, 0.3909,
0.3465

■ 17.0698, 0.4874,
0.3535

■ 17.0698, 0.4874,
0.3535

■ 14.6731, 0.5300,
0.3542

■ 20.0541, 0.4469,
0.3508

■ 12.8221, 0.5707,
0.3523

■ 23.6588, 0.4109,
0.3470

■ 11.4736, 0.6040,
0.3474

■ 27.9174, 0.3801,
0.3426

■ 10.7073, 0.6240,
0.3427

■ 32.8604, 0.3544,
0.3381

■ 38.5160, 0.3331,
0.3338

■ 44.9112, 0.3156,
0.3297

■ 52.0713, 0.3012,
0.3260

■ 60.0206, 0.2893,
0.3226

■ 68.7822, 0.2795,
0.3195

Harmonies

Analogous

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



17.0698, 0.4398, 0.2924



17.0698, 0.4874, 0.3535



17.0698, 0.4771, 0.4176

Triad

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



17.0698, 0.4874, 0.3535



17.0698, 0.2584, 0.4496



17.0698, 0.1995, 0.1965

Complementary

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



17.0698, 0.4874, 0.3535



30.7792, 0.2317, 0.2987

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.



17.0698, 0.1669, 0.2137



17.0698, 0.4874, 0.3535



17.0698, 0.1950, 0.3528

Square

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



17.0698, 0.4874, 0.3535



17.0698, 0.3414, 0.4961



17.0698, 0.1647, 0.2650



17.0698, 0.2632, 0.2069

Rectangle

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



17.0698, 0.4874, 0.3535



17.0698, 0.4437, 0.4575



17.0698, 0.1647, 0.2650



17.0698, 0.1853, 0.1989

Sweetspot

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



17.0707, 0.4874, 0.3535



61.3370, 0.3486, 0.3370



16.7638, 0.3417, 0.2053



12.6704, 0.3550, 0.3383



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.



17.0707, 0.4874, 0.3535



25.0662, 0.5441, 0.3539



29.5339, 0.4310, 0.4276



8.7190, 0.3283, 0.3327



7.4518, 0.6223, 0.3441



0.3022, 0.5765, 0.3805

Inverse Universe

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



30.7792, 0.2317, 0.2987



51.4251, 0.2213, 0.2911



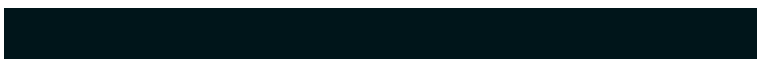
15.3651, 0.2091, 0.1986



9.3940, 0.2986, 0.3252



17.8351, 0.2105, 0.2777



0.6233, 0.2149, 0.2934

Previews

White Background



This preview shows how the Yxy color 17.0698, 0.4874, 0.3535 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 17.0698, 0.4874, 0.3535 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 17.0698, 0.4874, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 17.0698, 0.4874, 0.3535.



This preview shows how white text looks on a background with the Yxy color 17.0698, 0.4874, 0.3535.

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

17.0698, 0.4874, 0.3535

Protanopia

17.2006, 0.3703, 0.3972

Deuteranopia

17.1962, 0.4159, 0.4084



Tritanopia

17.0239, 0.4586, 0.3212

Trichromacy



Original Color

17.0698, 0.4874, 0.3535

Protanomaly

16.6447, 0.4119, 0.3802

Deuteranomaly

16.9640, 0.4438, 0.3872

Tritanomaly

17.0513, 0.4707, 0.3336

Monochromacy



Original Color

17.0698, 0.4874, 0.3535

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.1670, 0.3722, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0698, 0.4874, 0.3535 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, 87, 69)` looks like.

```
.text, #text, p{  
  color:rgb(181, 87, 69)  
}
```

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, 87, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 87, 69) }
```

Border

The CSS property to change the border of an element to Yxy 17.0698, 0.4874, 0.3535 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, 87, 69) }
```

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

```
.border{ border-color:rgb(181, 87, 69) }
```

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

Here you see how a box with a 4 pixel rgb(181, 87, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 87, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 87, 69);  
box-shadow:4px 4px 4px 4px rgb(181, 87,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0698, 0.4874, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 87, 69) }
```

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

```
.background{ background-color: rgb(181, 87,  
69) }
```

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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