

Converting Colors

$Y_{xy}(18.3445, 0.4519, 0.3348)$

Have a look what the booklet for
Yxy(18.3445, 0.4519, 0.3348)
contains.

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Color

Yxy(18.3737, 0.4517, 0.3350)

Conversions

Conversions Part 1

Format	Color
Hex	B55D59
RGB	181, 93, 89
RGB Percent	71%, 36%, 35%
CMY	0.2902, 0.6353, 0.6509
CMYK	0.00, 0.49, 0.51, 0.29
HSL	3°, 38%, 53%
HSV	3°, 51%, 71%
XYZ	24.7743, 18.3737, 11.6988
YIQ	118.8560, 53.7320, 17.4120

Conversions

Conversions Part 2

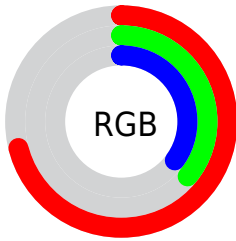
Format	Color
RYB	181, 93, 89
Decimal	11885913
CIELab	49.95, 35.14, 18.62
CIElCh	50, 39.769, 27.918
Yxy	18.3737, 0.4517, 0.3350
Android (android.graphics.Color)	4290075993 (0xFFB55D59)
YUV	118.8560, -14.7190, 54.5003
Hunter-Lab	42.8646, 28.1543, 13.8234

Details

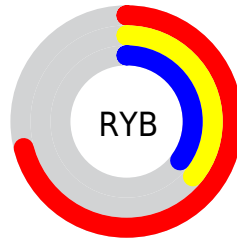
The Yxy color **18.3737, 0.4517, 0.3350** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.9164, 0.2463, 0.3225**, and the grayscale version is **18.4359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6401, 0.4193, 0.3360**, and **6.1947, 0.5097, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **15.4032, 0.4959, 0.3357**, and if you desaturate by 10%, it is **22.1093, 0.4127, 0.3339**.

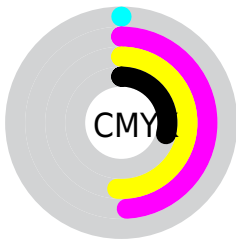
Distribution



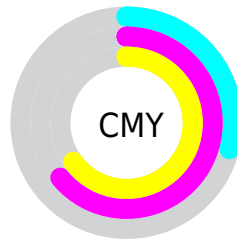
- Red (71%)
- Green (36%)
- Blue (35%)



- Red (71%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (49%)
- Yellow (51%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3737, 0.4517, 0.3350 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 18.3737, 0.4517, 0.3350 by changing the saturation by 10% instead.


 18.3737, 0.4517,
0.3350


 18.3737, 0.4517,
0.3350


242.9691, 0.3710,
0.3350


 11.2186, 0.4762,
0.3332


 40.6731, 0.4193,
0.3361


 6.2141, 0.5106,
0.3291

 56.5862, 0.4081,
0.3361

 2.9757, 0.5611,
0.3197

 76.1874, 0.3989,
0.3360

 1.1191, 0.6833,
0.3167

 99.8611, 0.3914,
0.3359

 0.0000, 1.0000,
0.0000

 127.9917, 0.3851,
0.3356

 0.0000, 0.0000,
0.0000

160.9637, 0.3797,

0.3354

199.1613, 0.3750,
0.3352

■ 18.3737, 0.4517,
0.3350

■ 18.3737, 0.4517,
0.3350

■ 15.4032, 0.4959,
0.3357

■ 22.1093, 0.4127,
0.3339

■ 13.1423, 0.5424,
0.3358

■ 26.6547, 0.3800,
0.3327

■ 11.5326, 0.5855,
0.3351

■ 32.0548, 0.3532,
0.3314

■ 10.5051, 0.6183,
0.3335

■ 38.3501, 0.3315,
0.3302

■ 9.9932, 0.6369,
0.3325

■ 45.5788, 0.3140,
0.3291

■ 53.7766, 0.2999,
0.3281

■ 62.9776, 0.2884,
0.3271

■ 73.2140, 0.2791,
0.3263

■ 84.5168, 0.2714,
0.3256

Harmonies

Analogous

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



18.3737, 0.3978, 0.2826



18.3737, 0.4517, 0.3350



18.3737, 0.4607, 0.3910

Triad

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



18.3737, 0.4517, 0.3350



18.3737, 0.2908, 0.4467



18.3737, 0.2029, 0.2168

Complementary

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



18.3737, 0.4517, 0.3350



36.9164, 0.2463, 0.3225

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.



18.3737, 0.1827, 0.2424



18.3737, 0.4517, 0.3350



18.3737, 0.2280, 0.3770

Square

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



18.3737, 0.4517, 0.3350



18.3737, 0.3633, 0.4684



18.3737, 0.1906, 0.2980



18.3737, 0.2504, 0.2178

Rectangle

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



18.3737, 0.4517, 0.3350



18.3737, 0.4417, 0.4261



18.3737, 0.1906, 0.2980



18.3737, 0.1931, 0.2222

Sweetspot

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



18.3747, 0.4517, 0.3350



63.4772, 0.3405, 0.3307



20.1853, 0.3220, 0.2120



13.2181, 0.3451, 0.3310



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.



18.3747, 0.4517, 0.3350



27.0325, 0.5015, 0.3358



28.7454, 0.4153, 0.3985



8.5621, 0.3286, 0.3300



6.9157, 0.6362, 0.3331



0.2370, 0.6203, 0.3457

Inverse Universe

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



36.9164, 0.2463, 0.3225



63.9427, 0.2367, 0.3209



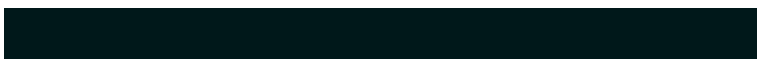
21.9504, 0.2313, 0.2452



9.5674, 0.2986, 0.3280



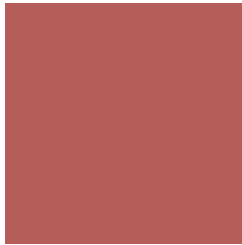
22.9791, 0.2210, 0.3157



0.7422, 0.2221, 0.3196

Previews

White Background



This preview shows how the Yxy color 18.3737, 0.4517, 0.3350 looks on a white 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

Black Background



This preview shows how the Yxy color 18.3737, 0.4517, 0.3350 looks on a black 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

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

Yxy 18.3737, 0.4517, 0.3350

Background



This preview shows how black text looks on a background with the Yxy color 18.3737, 0.4517, 0.3350.



This preview shows how white text looks on a background with the Yxy color 18.3737, 0.4517, 0.3350.

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

18.3737, 0.4517, 0.3350

Protanopia

18.5689, 0.3435, 0.3635

Deuteranopia

18.4413, 0.3886, 0.3809



Tritanopia

18.4812, 0.4397, 0.3209

Trichromacy



Original Color

18.3737, 0.4517, 0.3350

Protanomaly

18.1259, 0.3804, 0.3520

Deuteranomaly

18.0479, 0.4126, 0.3624

Tritanomaly

18.4256, 0.4444, 0.3252

Monochromacy



Original Color

18.3737, 0.4517, 0.3350

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.9854, 0.3596, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3737, 0.4517, 0.3350 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, 93, 89)` looks like.

```
.text, #text, p{  
  color:rgb(181, 93, 89)  
}
```

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, 93, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 93, 89) }
```

Border

The CSS property to change the border of an element to Yxy 18.3737, 0.4517, 0.3350 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, 93, 89) }
```

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

```
.border{ border-color:rgb(181, 93, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 93, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 93, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 93, 89);  
box-shadow:4px 4px 4px 4px rgb(181, 93,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3737, 0.4517, 0.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 93, 89) }
```

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

```
.background{ background-color: rgb(181, 93,  
89) }
```

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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