

Converting Colors

$Yxy(16.4344, 0.4704, 0.3331)$

Have a look what the booklet for
Yxy(16.4344, 0.4704, 0.3331)
contains.

Yxy(16.3643, 0.4704, 0.3322)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(16.3643, 0.4704, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	B35351
RGB	179, 83, 81
RGB Percent	70%, 33%, 32%
CMY	0.2980, 0.6745, 0.6823
CMYK	0.00, 0.54, 0.55, 0.30
HSL	1°, 39%, 51%
HSV	1°, 55%, 70%
XYZ	23.1721, 16.3643, 9.7240
YIQ	111.4760, 57.8580, 19.7300

Conversions

Conversions Part 2

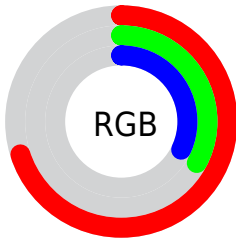
Format	Color
R _Y B	179, 83, 81
Decimal	11752273
CIE Lab	47.45, 38.87, 20.00
CIE LCh	47, 43.709, 27.226
Yxy	16.3643, 0.4704, 0.3322
Android (android.graphics.Color)	4289942353 (0xFFB35351)
YUV	111.4760, -15.0247, 59.2185
Hunter-Lab	40.4528, 31.4555, 14.0649

Details

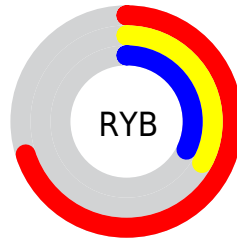
The Yxy color **16.3643, 0.4704, 0.3322** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **36.4638, 0.2434, 0.3256**, and the grayscale version is **16.0740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.1168, 0.4327, 0.3349**, and **5.2980, 0.5408, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **13.7785, 0.5167, 0.3325**, and if you desaturate by 10%, it is **19.7015, 0.4285, 0.3317**.

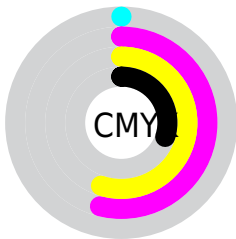
Distribution



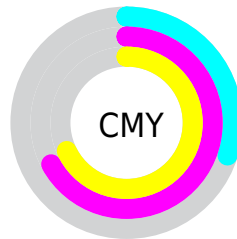
- Red (70%)
- Green (33%)
- Blue (32%)



- Red (70%)
- Yellow (33%)
- Blue (32%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (30%)





- Cyan (30%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.3643, 0.4704, 0.3322 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 16.3643, 0.4704, 0.3322 by changing the saturation by 10% instead.


 16.3643, 0.4704,
0.3322


 16.3643, 0.4704,
0.3322


231.4819, 0.3775,
0.3347


 9.7823, 0.4991,
0.3290


 37.2295, 0.4327,
0.3347


 5.2549, 0.5394,
0.3223

 52.2815, 0.4198,
0.3350


 2.3976, 0.6005,
0.3087

 70.9256, 0.4094,
0.3352

 0.8246, 0.7165,
0.2835

 93.5463, 0.4007,
0.3352

 0.0000, 1.0000,
0.0000

 120.5278, 0.3935,
0.3351

 0.0000, 0.0000,
0.0000

152.2547, 0.3874,

0.3350

189.1112, 0.3821,
0.3348

■ 16.3643, 0.4704,
0.3322

■ 16.3643, 0.4704,
0.3322

■ 13.7785, 0.5167,
0.3325

■ 19.7015, 0.4285,
0.3317

■ 11.8834, 0.5630,
0.3324

■ 23.8394, 0.3928,
0.3311

■ 10.6137, 0.6027,
0.3320

■ 28.8260, 0.3634,
0.3304

■ 9.8899, 0.6291,
0.3311

■ 34.7051, 0.3396,
0.3298

■ 9.6642, 0.6385,
0.3312

■ 41.5170, 0.3204,
0.3293

■ 49.3001, 0.3051,
0.3287

■ 58.0902, 0.2927,
0.3283

■ 67.9215, 0.2826,
0.3278

■ 78.8266, 0.2744,
0.3275

Harmonies

Analogous

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



16.3643, 0.4077, 0.2751



16.3643, 0.4704, 0.3322



16.3643, 0.4804, 0.3940

Triad

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



16.3643, 0.4704, 0.3322



16.3643, 0.2880, 0.4672



16.3643, 0.1891, 0.2036

Complementary

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



16.3643, 0.4704, 0.3322



36.4638, 0.2434, 0.3256

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.



16.3643, 0.1677, 0.2314



16.3643, 0.4704, 0.3322



16.3643, 0.2177, 0.3860

Square

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



16.3643, 0.4704, 0.3322



16.3643, 0.3694, 0.4881



16.3643, 0.1764, 0.2940



16.3643, 0.2404, 0.2047

Rectangle

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



16.3643, 0.4704, 0.3322



16.3643, 0.4581, 0.4343



16.3643, 0.1764, 0.2940



16.3643, 0.1787, 0.2094

Sweetspot

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



16.3652, 0.4704, 0.3322



60.4329, 0.3429, 0.3299



18.6619, 0.3207, 0.2028



12.8973, 0.3474, 0.3300



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.



16.3652, 0.4704, 0.3322



23.7605, 0.5279, 0.3325



26.5870, 0.4266, 0.4010



8.5318, 0.3287, 0.3295



6.8394, 0.6382, 0.3314



0.2243, 0.6305, 0.3375

Inverse Universe

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



36.4638, 0.2434, 0.3256



63.5008, 0.2342, 0.3248



20.5430, 0.2259, 0.2404



9.6015, 0.2986, 0.3285



24.0834, 0.2230, 0.3227



0.7670, 0.2235, 0.3245

Previews

White Background



This preview shows how the Yxy color 16.3643, 0.4704, 0.3322 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 16.3643, 0.4704, 0.3322 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 16.3643, 0.4704, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 16.3643, 0.4704, 0.3322.



This preview shows how white text looks on a background with the Yxy color 16.3643, 0.4704, 0.3322.

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

16.3643, 0.4704, 0.3322

Protanopia

16.5403, 0.3449, 0.3673

Deuteranopia

16.4118, 0.3936, 0.3869



Tritanopia

16.3229, 0.4596, 0.3210

Trichromacy



Original Color

16.3643, 0.4704, 0.3322

Protanomaly

15.8867, 0.3896, 0.3529

Deuteranomaly

16.0530, 0.4229, 0.3650

Tritanomaly

16.2742, 0.4647, 0.3253

Monochromacy



Original Color

16.3643, 0.4704, 0.3322

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

15.4617, 0.3663, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.3643, 0.4704, 0.3322 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(179, 83, 81)` looks like.

```
.text, #text, p{  
    color:rgb(179, 83, 81)  
}
```

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(179, 83, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 83, 81) }
```

Border

The CSS property to change the border of an element to Yxy 16.3643, 0.4704, 0.3322 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(179, 83, 81) }
```

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

```
.border{ border-color:rgb(179, 83, 81) }
```

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

Here you see how a box with a 4 pixel rgb(179, 83, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 83, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 83, 81);  
box-shadow:4px 4px 4px 4px rgb(179, 83,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 16.3643, 0.4704, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 83, 81) }
```

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

```
.background{ background-color: rgb(179, 83,  
81) }
```

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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