

Converting Colors

$Y_{xy}(17.0544, 0.4462, 0.3134)$

Have a look what the booklet for
Yxy(17.0544, 0.4462, 0.3134)
contains.

Yxy(17.1653, 0.4466, 0.3140)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.1653, 0.4466, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	B55560
RGB	181, 85, 96
RGB Percent	71%, 33%, 38%
CMY	0.2902, 0.6666, 0.6236
CMYK	0.00, 0.53, 0.47, 0.29
HSL	353°, 39%, 52%
HSV	353°, 53%, 71%
XYZ	24.4141, 17.1653, 13.0872
YIQ	114.9580, 53.6850, 23.7730

Conversions

Conversions Part 2

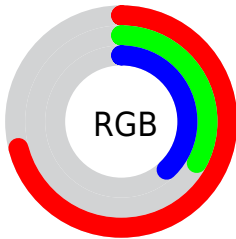
Format	Color
RYB	181, 85, 96
Decimal	11883872
CIELab	48.47, 39.96, 12.45
CIElCh	48, 41.853, 17.305
Yxy	17.1653, 0.4466, 0.3140
Android (android.graphics.Color)	4290073952 (0xFFB55560)
YUV	114.9580, -9.3463, 57.9188
Hunter-Lab	41.4310, 32.6805, 10.2733

Details

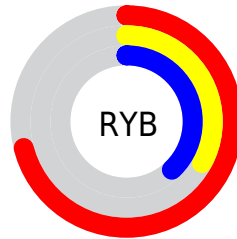
The Yxy color **17.1653, 0.4466, 0.3140** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.8808, 0.2518, 0.3465**, and the grayscale version is **17.1484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.4919, 0.4154, 0.3193**, and **5.6031, 0.5061, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **14.4055, 0.4883, 0.3126**, and if you desaturate by 10%, it is **20.7160, 0.4100, 0.3164**.

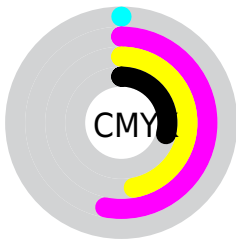
Distribution



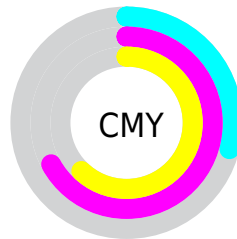
- Red (71%)
- Green (33%)
- Blue (38%)



- Red (71%)
- Yellow (33%)
- Blue (38%)



- Cyan (0%)
- Magenta (53%)
- Yellow (47%)
- Black (29%)





- Cyan (29%)
- Magenta (67%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1653, 0.4466, 0.3140 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 17.1653, 0.4466, 0.3140 by changing the saturation by 10% instead.


 17.1653, 0.4466,
0.3140


 17.1653, 0.4466,
0.3140


236.1232, 0.3681,
0.3252


 10.3524, 0.4710,
0.3092


 38.6098, 0.4148,
0.3193


 5.6332, 0.5057,
0.3014


 54.0101, 0.4039,
0.3209


 2.6234, 0.5581,
0.2874

 73.0418, 0.3951,
0.3221

 0.9384, 0.6823,
0.2738

 96.0891, 0.3878,
0.3230

 0.0000, 1.0000,
0.0000

 123.5365, 0.3817,
0.3237

 0.0000, 0.0000,
0.0000

155.7684, 0.3765,

0.3243

193.1692, 0.3720,
0.3248

■ 17.1653, 0.4466,
0.3140

■ 17.1653, 0.4466,
0.3140

■ 14.4055, 0.4883,
0.3126

■ 20.7160, 0.4100,
0.3164

■ 12.3734, 0.5326,
0.3128

■ 25.1089, 0.3792,
0.3193

■ 11.0006, 0.5747,
0.3150

■ 30.3944, 0.3539,
0.3224

■ 10.2047, 0.6087,
0.3193

■ 36.6179, 0.3335,
0.3254

■ 9.8760, 0.6260,
0.3222

■ 43.8219, 0.3170,
0.3282

■ 52.0462, 0.3038,
0.3308

■ 61.3285, 0.2930,
0.3332

■ 71.7045, 0.2843,
0.3354

■ 83.2081, 0.2771,
0.3373

Harmonies

Analogous

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



17.1653, 0.3758, 0.2620



17.1653, 0.4466, 0.3140



17.1653, 0.4740, 0.3725

Triad

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



17.1653, 0.4466, 0.3140



17.1653, 0.3156, 0.4721



17.1653, 0.1851, 0.2154

Complementary

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



17.1653, 0.4466, 0.3140



37.8808, 0.2518, 0.3465

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.



17.1653, 0.1740, 0.2529



17.1653, 0.4466, 0.3140



17.1653, 0.2428, 0.4115

Square

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



17.1653, 0.4466, 0.3140



17.1653, 0.3918, 0.4729



17.1653, 0.1928, 0.3232



17.1653, 0.2249, 0.2075

Rectangle

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



17.1653, 0.4466, 0.3140



17.1653, 0.4636, 0.4118



17.1653, 0.1928, 0.3232



17.1653, 0.1782, 0.2243

Sweetspot

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



17.1662, 0.4466, 0.3140



61.7894, 0.3396, 0.3244



18.3584, 0.3048, 0.1990



12.8630, 0.3437, 0.3238



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.



17.1662, 0.4466, 0.3140



24.9574, 0.4973, 0.3125



24.3506, 0.4329, 0.3815



8.5205, 0.3270, 0.3264



6.8143, 0.6239, 0.3211



0.2195, 0.5708, 0.2918

Inverse Universe

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



17.1662, 0.4466, 0.3140



24.9574, 0.4973, 0.3125



25.2755, 0.2330, 0.2666



8.5205, 0.3270, 0.3264



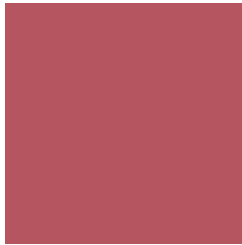
6.8143, 0.6239, 0.3211



0.2195, 0.5708, 0.2918

Previews

White Background



This preview shows how the Yxy color 17.1653, 0.4466, 0.3140 looks on a white background.

Color Contrast Check

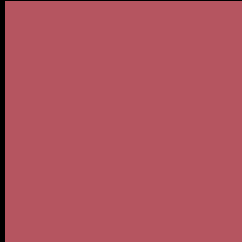
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1653, 0.4466, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

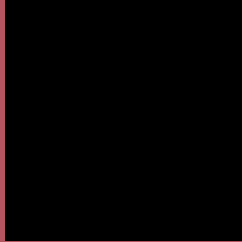
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1653, 0.4466, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 17.1653, 0.4466, 0.3140.



This preview shows how white text looks on a background with the Yxy color 17.1653, 0.4466, 0.3140.

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

17.1653, 0.4466, 0.3140

Protanopia

17.3311, 0.3228, 0.3369

Deuteranopia

17.2925, 0.3712, 0.3645



Tritanopia

17.2520, 0.4525, 0.3210

Trichromacy



Original Color

17.1653, 0.4466, 0.3140

Protanomaly

16.6920, 0.3649, 0.3256

Deuteranomaly

16.9685, 0.3996, 0.3446

Tritanomaly

17.2696, 0.4508, 0.3196

Monochromacy



Original Color

17.1653, 0.4466, 0.3140

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.4723, 0.3577, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1653, 0.4466, 0.3140 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, 85, 96)` looks like.

```
.text, #text, p{  
    color:rgb(181, 85, 96)  
}
```

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, 85, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 85, 96) }
```

Border

The CSS property to change the border of an element to Yxy 17.1653, 0.4466, 0.3140 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, 85, 96) }
```

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

```
.border{ border-color:rgb(181, 85, 96) }
```

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

Here you see how a box with a 4 pixel rgb(181, 85, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 85, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 85, 96);  
box-shadow:4px 4px 4px 4px rgb(181, 85,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1653, 0.4466, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 85, 96) }
```

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

```
.background{ background-color: rgb(181, 85,  
96) }
```

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