

Converting Colors

$Y_{xy}(17.6130, 0.4449, 0.3471)$

Have a look what the booklet for
Yxy(17.6130, 0.4449, 0.3471)
contains.

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Color

Yxy(17.6638, 0.4440, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	AB6054
RGB	171, 96, 84
RGB Percent	67%, 38%, 33%
CMY	0.3295, 0.6235, 0.6706
CMYK	0.00, 0.44, 0.51, 0.33
HSL	8°, 34%, 50%
HSV	8°, 51%, 67%
XYZ	22.5755, 17.6638, 10.6064
YIQ	117.0570, 48.5520, 12.1680

Conversions

Conversions Part 2

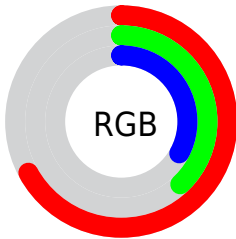
Format	Color
RYB	171, 98, 84
Decimal	11231316
CIELab	49.09, 29.11, 20.19
CIElCh	49, 35.426, 34.751
Yxy	17.6638, 0.4440, 0.3474
Android (android.graphics.Color)	4289421396 (0xFFAB6054)
YUV	117.0570, -16.2971, 47.3080
Hunter-Lab	42.0283, 22.3316, 14.4572

Details

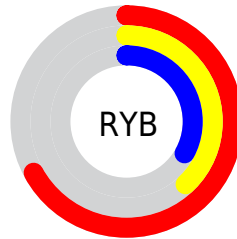
The Yxy color **17.6638, 0.4440, 0.3474** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.6107, 0.2437, 0.3084**, and the grayscale version is **17.8488, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5591, 0.4124, 0.3456**, and **5.9052, 0.4993, 0.3472** is the 20% darker color. If you saturate the color by 10%, you get **14.9865, 0.4847, 0.3498**, and if you desaturate by 10%, it is **20.9124, 0.4081, 0.3441**.

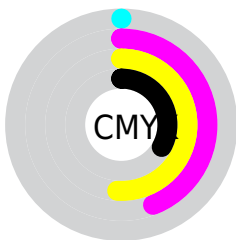
Distribution



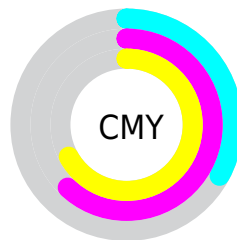
- Red (67%)
- Green (38%)
- Blue (33%)



- Red (67%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (44%)
- Yellow (51%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6638, 0.4440, 0.3474 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 17.6638, 0.4440, 0.3474 by changing the saturation by 10% instead.


 17.6638, 0.4440,
0.3474

 17.6638, 0.4440,
0.3474


238.9692, 0.3673,
0.3401


 10.7089, 0.4675,
0.3477


 39.4636, 0.4131,
0.3456


 5.8714, 0.5005,
0.3465

 55.0773, 0.4024,
0.3446


 2.7671, 0.5495,
0.3410

 74.3460, 0.3938,
0.3437

 1.0114, 0.6602,
0.3398

 97.6542, 0.3866,
0.3428

 0.0000, 1.0000,
0.0000


 125.3862, 0.3806,
0.3420

 0.0000, 0.0000,
0.0000


157.9264, 0.3755,

0.3413


195.6593, 0.3712,
0.3407


 17.6638, 0.4440,
0.3474


 17.6638, 0.4440,
0.3474


 14.9865, 0.4847,
0.3498


 20.9124, 0.4081,
0.3441


 12.8448, 0.5279,
0.3505


 24.7600, 0.3775,
0.3403


 11.2030, 0.5695,
0.3490

 29.2357, 0.3521,
0.3365

 10.0199, 0.6040,
0.3449

 34.3659, 0.3312,
0.3328

 9.2941, 0.6268,
0.3405

 40.1756, 0.3141,
0.3293

■ 46.6884, 0.3000,
0.3261

■ 53.9267, 0.2884,
0.3232

■ 61.9120, 0.2788,
0.3206

■ 70.6649, 0.2708,
0.3182

Harmonies

Analogous

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



17.6638, 0.4034, 0.2974



17.6638, 0.4440, 0.3474



17.6638, 0.4433, 0.3985

Triad

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



17.6638, 0.4440, 0.3474



17.6638, 0.2792, 0.4226



17.6638, 0.2201, 0.2245

Complementary

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



17.6638, 0.4440, 0.3474



29.6107, 0.2437, 0.3084

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.



17.6638, 0.1955, 0.2428



17.6638, 0.4440, 0.3474



17.6638, 0.2258, 0.3557

Square

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



17.6638, 0.4440, 0.3474



17.6638, 0.3450, 0.4541



17.6638, 0.1970, 0.2879



17.6638, 0.2694, 0.2301

Rectangle

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



17.6638, 0.4440, 0.3474



17.6638, 0.4214, 0.4283



17.6638, 0.1970, 0.2879



17.6638, 0.2091, 0.2278

Sweetspot

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



17.6647, 0.4440, 0.3474



57.3763, 0.3399, 0.3344



17.5134, 0.3334, 0.2224



12.3780, 0.3442, 0.3351



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



17.6647, 0.4440, 0.3474



26.3332, 0.4898, 0.3500



27.7880, 0.4081, 0.4103



8.1872, 0.3283, 0.3322



7.0552, 0.6256, 0.3415



0.2504, 0.5814, 0.3765

Inverse Universe

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



29.6107, 0.2437, 0.3084



50.0551, 0.2328, 0.3031



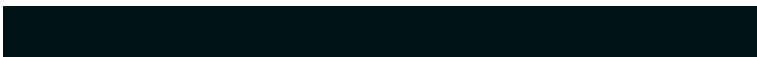
17.2907, 0.2284, 0.2291



8.8806, 0.2986, 0.3258



18.0936, 0.2126, 0.2854



0.5542, 0.2166, 0.2998

Previews

White Background



This preview shows how the Yxy color 17.6638, 0.4440, 0.3474 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 17.6638, 0.4440, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

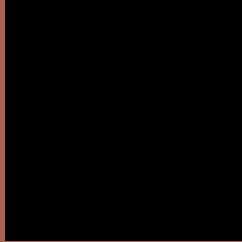
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6638, 0.4440, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 17.6638, 0.4440, 0.3474.



This preview shows how white text looks on a background with the Yxy color 17.6638, 0.4440, 0.3474.

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

17.6638, 0.4440, 0.3474

Protanopia

17.7980, 0.3515, 0.3758

Deuteranopia

17.7579, 0.3924, 0.3851



Tritanopia

17.6962, 0.4220, 0.3203

Trichromacy



Original Color

17.6638, 0.4440, 0.3474

Protanomaly

17.3382, 0.3837, 0.3635

Deuteranomaly

17.4966, 0.4112, 0.3701

Tritanomaly

17.7632, 0.4307, 0.3309

Monochromacy



Original Color

17.6638, 0.4440, 0.3474

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.2756, 0.3571, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6638, 0.4440, 0.3474 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(171, 96, 84)` looks like.

```
.text, #text, p{  
  color:rgb(171, 96, 84)  
}
```

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(171, 96, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 96, 84) }
```

Border

The CSS property to change the border of an element to Yxy 17.6638, 0.4440, 0.3474 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(171, 96, 84) }
```

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

```
.border{ border-color:rgb(171, 96, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 96, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 96, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 96, 84);  
box-shadow:4px 4px 4px 4px rgb(171, 96,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6638, 0.4440, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 96, 84) }
```

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

```
.background{ background-color: rgb(171, 96,  
84) }
```

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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