

Converting Colors

$Y_{xy}(25.1367, 0.3465, 0.4372)$

Have a look what the booklet for
Yxy(25.1367, 0.3465, 0.4372)
contains.

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Color

Yxy(25.1176, 0.3470, 0.4373)

Conversions

Conversions Part 1

Format	Color
Hex	7B9155
RGB	123, 145, 85
RGB Percent	48%, 57%, 33%
CMY	0.5177, 0.4313, 0.6667
CMYK	0.15, 0.00, 0.41, 0.43
HSL	82°, 26%, 45%
HSV	82°, 41%, 57%
XYZ	19.9310, 25.1176, 12.3894
YIQ	131.5820, 6.1480, -23.3240

Conversions

Conversions Part 2

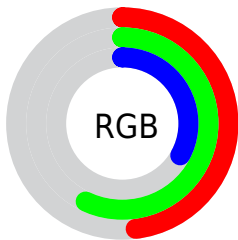
Format	Color
RYB	85, 145, 107
Decimal	8098133
CIELab	57.19, -18.42, 29.27
CIELCh	57, 34.587, 122.180
Yxy	25.1176, 0.3470, 0.4373
Android (android.graphics.Color)	4286288213 (0xFF7B9155)
YUV	131.5820, -22.9649, -7.5264
Hunter-Lab	50.1175, -16.7188, 20.4254

Details

The Yxy color **25.1176, 0.3470, 0.4373** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.6667, 0.2653, 0.2146**, and the grayscale version is **22.9975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.8545, 0.3403, 0.4126**, and **9.5618, 0.3556, 0.4789** is the 20% darker color. If you saturate the color by 10%, you get **24.5296, 0.3535, 0.4643**, and if you desaturate by 10%, it is **25.7764, 0.3394, 0.4098**.

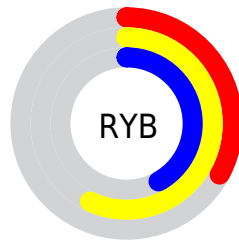
Distribution



Red (48%)

Green (57%)

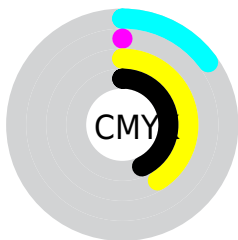
Blue (33%)



Red (33%)

Yellow (57%)

Blue (42%)

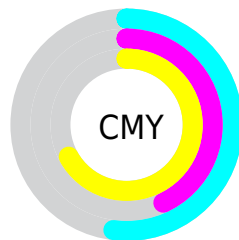


Cyan (15%)

Magenta (0%)

Yellow (41%)

Black (43%)



Cyan (52%)


Magenta (43%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1176, 0.3470, 0.4373 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 25.1176, 0.3470, 0.4373 by changing the saturation by 10% instead.


 25.1176, 0.3470,
0.4373


 25.1176, 0.3470,
0.4373


278.4231, 0.3299,
0.3758


 16.1647, 0.3508,
0.4553


 51.8479, 0.3410,
0.4130


 9.6408, 0.3549,
0.4801


 70.3942, 0.3387,
0.4045


 5.1614, 0.3587,
0.5158

 92.9069, 0.3366,
0.3975

 2.3423, 0.3834,
0.6100

 119.7707, 0.3349,
0.3917

 0.7960, 0.2782,
0.7218

 151.3698, 0.3334,
0.3868

 0.0000, 0.0000,
0.0000

188.0886, 0.3321,

0.3826

230.3116, 0.3309,
0.3790

■ 25.1176, 0.3470,
0.4373

■ 25.1176, 0.3470,
0.4373

■ 24.5296, 0.3535,
0.4643

■ 25.7764, 0.3394,
0.4098

■ 24.0057, 0.3583,
0.4897

■ 26.5057, 0.3311,
0.3827

■ 23.5437, 0.3612,
0.5123

■ 27.3094, 0.3225,
0.3567

■ 23.1394, 0.3618,
0.5310

■ 28.1900, 0.3139,
0.3323

■ 22.7882, 0.3601,
0.5450

■ 29.1500, 0.3055,
0.3097

■ 22.5179, 0.3575,
0.5544

■ 30.1918, 0.2974,
0.2890

■ 31.3176, 0.2898,
0.2702

■ 32.5296, 0.2826,
0.2532

■ 33.8297, 0.2760,
0.2380

Harmonies

Analogous

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



25.1176, 0.3985, 0.4245



25.1176, 0.3470, 0.4373



25.1176, 0.2890, 0.4129

Triad

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



25.1176, 0.3470, 0.4373



25.1176, 0.2082, 0.2564



25.1176, 0.3872, 0.2982

Complementary

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



25.1176, 0.3470, 0.4373



11.6667, 0.2653, 0.2146

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.



25.1176, 0.3287, 0.2620



25.1176, 0.3470, 0.4373



25.1176, 0.2284, 0.2373

Square

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



25.1176, 0.3470, 0.4373



25.1176, 0.2119, 0.2987



25.1176, 0.2707, 0.2402



25.1176, 0.4250, 0.3426

Rectangle

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



25.1176, 0.3470, 0.4373



25.1176, 0.2545, 0.3781



25.1176, 0.2707, 0.2402



25.1176, 0.3689, 0.2849

Sweetspot

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



25.1187, 0.3470, 0.4373



48.7716, 0.3233, 0.3589



17.1908, 0.3978, 0.3681



10.8128, 0.3242, 0.3617



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.1187, 0.3470, 0.4373



43.9578, 0.3533, 0.4634



23.2359, 0.3147, 0.4491



6.1878, 0.3206, 0.3511



19.3269, 0.3578, 0.5541



0.1973, 0.3867, 0.5312

Inverse Universe

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



11.6667, 0.2653, 0.2146



16.3943, 0.2510, 0.1850



13.8587, 0.3061, 0.2271



5.3453, 0.3043, 0.3067



2.4215, 0.1818, 0.0775



0.0349, 0.2305, 0.1043

Previews

White Background



This preview shows how the Yxy color 25.1176, 0.3470, 0.4373 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 25.1176, 0.3470, 0.4373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

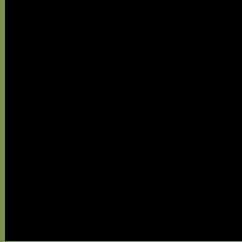
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

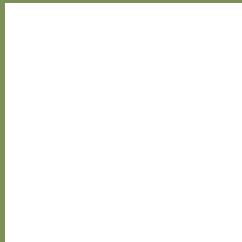
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.1176, 0.3470, 0.4373

Background



This preview shows how black text looks on a background with the Yxy color 25.1176, 0.3470, 0.4373.



This preview shows how white text looks on a background with the Yxy color 25.1176, 0.3470, 0.4373.

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

25.1176, 0.3470, 0.4373

Protanopia

24.9845, 0.3865, 0.4191

Deuteranopia

24.9365, 0.4028, 0.3956



Tritanopia

25.2206, 0.2964, 0.3122

Trichromacy



Original Color

25.1176, 0.3470, 0.4373

Protanomaly

24.9561, 0.3715, 0.4261

Deuteranomaly

24.7805, 0.3821, 0.4098

Tritanomaly

25.1975, 0.3157, 0.3571

Monochromacy



Original Color

25.1176, 0.3470, 0.4373

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.7963, 0.3266, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1176, 0.3470, 0.4373 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(123, 145, 85)` looks like.

```
.text, #text, p{  
    color:rgb(123, 145, 85)  
}
```

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(123, 145, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 145, 85) }
```

Border

The CSS property to change the border of an element to Yxy 25.1176, 0.3470, 0.4373 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(123, 145, 85) }
```

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

```
.border{ border-color:rgb(123, 145, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 145, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 145, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 145, 85);  
box-shadow:4px 4px 4px 4px rgb(123, 145,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1176, 0.3470, 0.4373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 145, 85) }
```

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

```
.background{ background-color: rgb(123,  
145, 85) }
```

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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