

Converting Colors

Yxy(51.4775, 0.3466, 0.4118)

Have a look what the booklet for
Yxy(51.4775, 0.3466, 0.4118)
contains.

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Color

Yxy(51.4775, 0.3466, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	B5C586
RGB	181, 197, 134
RGB Percent	71%, 77%, 53%
CMY	0.2901, 0.2274, 0.4746
CMYK	0.08, 0.00, 0.32, 0.23
HSL	75°, 35%, 65%
HSV	75°, 32%, 77%
XYZ	43.3271, 51.4775, 30.2015
YIQ	185.0340, 10.6870, -22.9850

Conversions

Conversions Part 2

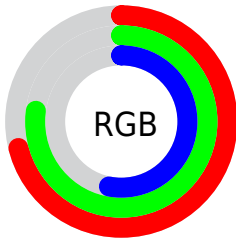
Format	Color
RYB	134, 197, 150
Decimal	11912582
CIELab	76.97, -15.91, 29.86
CIElCh	77, 33.832, 118.058
Yxy	51.4775, 0.3466, 0.4118
Android (android.graphics.Color)	4290102662 (0xFFB5C586)
YUV	185.0340, -25.1598, -3.5378
Hunter-Lab	71.7478, -17.7660, 25.2660

Details

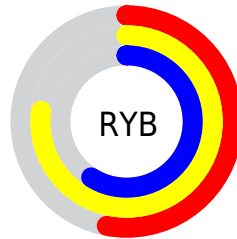
The Yxy color **51.4775, 0.3466, 0.4118** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.5596, 0.2705, 0.2392**, and the grayscale version is **48.6755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5190, 0.3407, 0.3967**, and **24.7970, 0.3534, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **50.3869, 0.3562, 0.4386**, and if you desaturate by 10%, it is **52.6968, 0.3362, 0.3849**.

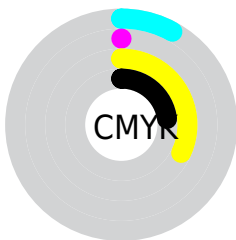
Distribution



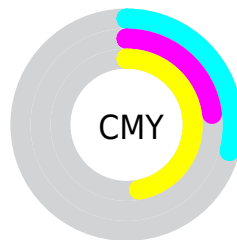
- Red (71%)
- Green (77%)
- Blue (53%)



- Red (53%)
- Yellow (77%)
- Blue (59%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (23%)




- Cyan (29%)
- Magenta (23%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4775, 0.3466, 0.4118 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 51.4775, 0.3466, 0.4118 by changing the saturation by 10% instead.

 51.4775, 0.3466,
0.4118


 51.4775, 0.3466,
0.4118


392.4161, 0.3309,
0.3701

 36.5888, 0.3501,
0.4222


 92.3602, 0.3412,
0.3966

 24.8893, 0.3542,
0.4355


 119.1230, 0.3391,
0.3909

 15.9946, 0.3591,
0.4529


 150.6125, 0.3373,
0.3861

 9.5203, 0.3649,
0.4768

187.2133, 0.3357,
0.3820

 5.0821, 0.3708,
0.5108

229.3096, 0.3342,
0.3784

 2.2955, 0.3996,
0.6004

277.2860, 0.3330,

 0.7713, 0.3088,

0.3753

0.6912

331.5267, 0.3319,
0.3725

0.0000, 0.0000,
0.0000

51.4775, 0.3466,
0.4118

51.4775, 0.3466,
0.4118

50.3869, 0.3562,
0.4386

52.6968, 0.3362,
0.3849

49.4121, 0.3646,
0.4642

54.0433, 0.3255,
0.3587

48.5490, 0.3712,
0.4876

55.5245, 0.3148,
0.3338

47.7904, 0.3756,
0.5076

57.1452, 0.3044,
0.3105

47.1280, 0.3775,
0.5233

58.9098, 0.2946,
0.2889

■ 46.5520, 0.3768,
0.5344

■ 60.8229, 0.2853,
0.2693

■ 46.1384, 0.3749,
0.5405

■ 61.7524, 0.2870,
0.2672

■ 62.5253, 0.2906,
0.2678

■ 63.3216, 0.2941,
0.2685

Harmonies

Analogous

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



51.4775, 0.3845, 0.4010



51.4775, 0.3466, 0.4118



51.4775, 0.3013, 0.3962

Triad

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



51.4775, 0.3466, 0.4118



51.4775, 0.2293, 0.2767



51.4775, 0.3646, 0.3008

Complementary

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



51.4775, 0.3466, 0.4118



27.5596, 0.2705, 0.2392

Split Complementary

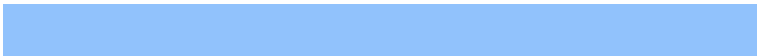
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.4775, 0.3191, 0.2728



51.4775, 0.3466, 0.4118



51.4775, 0.2431, 0.2580

Square

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



51.4775, 0.3466, 0.4118



51.4775, 0.2355, 0.3125



51.4775, 0.2749, 0.2573



51.4775, 0.3964, 0.3362

Rectangle

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



51.4775, 0.3466, 0.4118



51.4775, 0.2732, 0.3723



51.4775, 0.2749, 0.2573



51.4775, 0.3502, 0.2904

Sweetspot

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



51.4798, 0.3466, 0.4118



97.2587, 0.3235, 0.3540



35.3216, 0.3786, 0.3502



20.7392, 0.3250, 0.3577



0.0000, 0.0000, 0.0000



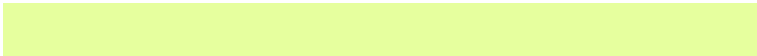
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4798, 0.3466, 0.4118



90.8840, 0.3531, 0.4295



48.1137, 0.3205, 0.4191



12.2763, 0.3227, 0.3521



30.3881, 0.3755, 0.5400



1.4718, 0.3851, 0.5325

Inverse Universe

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



27.5596, 0.2705, 0.2392



41.7364, 0.2597, 0.2179



30.9318, 0.3006, 0.2466



10.4153, 0.3021, 0.3054



3.1313, 0.1656, 0.0686



0.1840, 0.1883, 0.0811

Previews

White Background



This preview shows how the Yxy color 51.4775, 0.3466, 0.4118 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 51.4775, 0.3466, 0.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

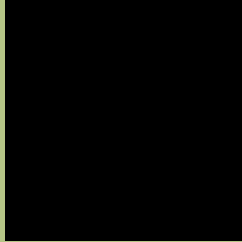
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

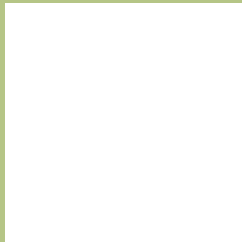
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4775, 0.3466, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 51.4775, 0.3466, 0.4118.



This preview shows how white text looks on a background with the Yxy color 51.4775, 0.3466, 0.4118.

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

51.4775, 0.3466, 0.4118

Protanopia

51.4447, 0.3725, 0.4018

Deuteranopia

51.2696, 0.3892, 0.3816



Tritanopia

51.2254, 0.3031, 0.3105

Trichromacy



Original Color

51.4775, 0.3466, 0.4118

Protanomaly

51.5416, 0.3625, 0.4062

Deuteranomaly

50.8735, 0.3733, 0.3915

Tritanomaly

51.0408, 0.3193, 0.3456

Monochromacy



Original Color

51.4775, 0.3466, 0.4118

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.3387, 0.3263, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4775, 0.3466, 0.4118 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, 197, 134)` looks like.

```
.text, #text, p{  
    color:rgb(181, 197, 134)  
}
```

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, 197, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 197, 134) }
```

Border

The CSS property to change the border of an element to Yxy 51.4775, 0.3466, 0.4118 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, 197, 134) }
```

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

```
.border{ border-color:rgb(181, 197, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 197, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 197, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 197, 134);  
box-shadow:4px 4px 4px 4px rgb(181, 197,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4775, 0.3466, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 197, 134) }
```

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

```
.background{ background-color: rgb(181,  
197, 134) }
```

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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