

Converting Colors

$Yxy(49.1501, 0.3171, 0.3491)$

Have a look what the booklet for
Yxy(49.1501, 0.3171, 0.3491)
contains.

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Color

Yxy(49.1545, 0.3168, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	B4BDAE
RGB	180, 189, 174
RGB Percent	71%, 74%, 68%
CMY	0.2939, 0.2589, 0.3176
CMYK	0.05, 0.00, 0.08, 0.26
HSL	96°, 10%, 71%
HSV	96°, 8%, 74%
XYZ	44.6705, 49.1545, 47.1804
YIQ	184.5990, -0.5490, -6.5730

Conversions

Conversions Part 2

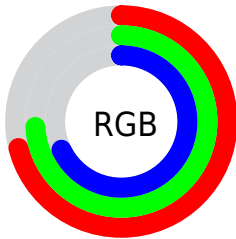
Format	Color
RYB	174, 189, 183
Decimal	11845038
CIELab	75.55, -5.86, 6.50
CIElCh	76, 8.747, 132.032
Yxy	49.1545, 0.3168, 0.3486
Android (android.graphics.Color)	4290035118 (0xFFB4BDAE)
YUV	184.5990, -5.2253, -4.0333
Hunter-Lab	70.1103, -8.9623, 9.1782

Details

The Yxy color **49.1545, 0.3168, 0.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0075, 0.3083, 0.3096**, and the grayscale version is **48.3171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7948, 0.3165, 0.3453**, and **23.5255, 0.3171, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **47.1727, 0.3219, 0.3754**, and if you desaturate by 10%, it is **51.3541, 0.3116, 0.3241**.

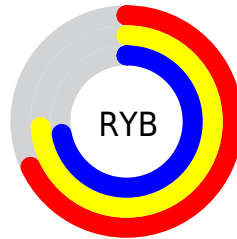
Distribution



Red (71%)

Green (74%)

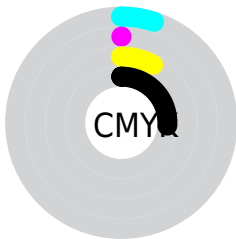
Blue (68%)



Red (68%)

Yellow (74%)

Blue (72%)

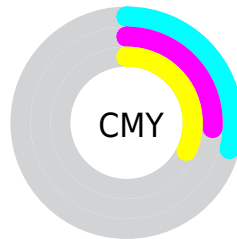


Cyan (5%)

Magenta (0%)

Yellow (8%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1545, 0.3168, 0.3486 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 49.1545, 0.3168, 0.3486 by changing the saturation by 10% instead.


 49.1545, 0.3168,
0.3486

 49.1545, 0.3168,
0.3486

383.3502, 0.3148,
0.3388

 34.7421, 0.3173,
0.3511


 88.9209, 0.3161,
0.3450

 23.4642, 0.3179,
0.3542

115.0436, 0.3158,
0.3437

 14.9367, 0.3186,
0.3585


145.8385, 0.3156,
0.3426

 8.7750, 0.3197,
0.3644

181.6901, 0.3154,
0.3416

 4.5947, 0.3211,
0.3733

222.9826, 0.3152,
0.3407

 2.0115, 0.3233,
0.3882

270.1006, 0.3151,

 0.6141, 0.3472,

0.3400

0.4838

323.4283, 0.3149,
0.3394

0.0000, 0.0000,
0.0000

49.1545, 0.3168,
0.3486

49.1545, 0.3168,
0.3486

47.1727, 0.3219,
0.3754

51.3541, 0.3116,
0.3241

45.3954, 0.3266,
0.4044

53.7718, 0.3066,
0.3021

43.8175, 0.3307,
0.4348

56.4159, 0.3017,
0.2824

42.4312, 0.3339,
0.4658

59.2924, 0.2970,
0.2649

41.2281, 0.3357,
0.4961

61.5067, 0.3017,
0.2615

■ 40.1992, 0.3359,
0.5239

■ 63.4998, 0.3102,
0.2632

■ 39.3345, 0.3341,
0.5476

■ 64.8699, 0.3157,
0.2643

■ 38.6226, 0.3306,
0.5659

■ 38.0477, 0.3255,
0.5783

Harmonies

Analogous

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



49.1545, 0.3279, 0.3498



49.1545, 0.3168, 0.3486



49.1545, 0.3048, 0.3418

Triad

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



49.1545, 0.3168, 0.3486



49.1545, 0.2908, 0.3124



49.1545, 0.3307, 0.3262

Complementary

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



49.1545, 0.3168, 0.3486



44.0075, 0.3083, 0.3096

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.



49.1545, 0.3205, 0.3167



49.1545, 0.3168, 0.3486



49.1545, 0.2975, 0.3087

Square

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



49.1545, 0.3168, 0.3486



49.1545, 0.2899, 0.3206



49.1545, 0.3083, 0.3103



49.1545, 0.3361, 0.3367

Rectangle

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



49.1545, 0.3168, 0.3486



49.1545, 0.2978, 0.3351



49.1545, 0.3083, 0.3103



49.1545, 0.3277, 0.3228

Sweetspot

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



49.1566, 0.3168, 0.3486



90.3258, 0.3138, 0.3339



47.6356, 0.3251, 0.3403



19.4331, 0.3137, 0.3336



95.5105, 0.3127, 0.3290



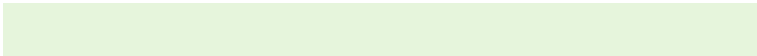
19.5994, 0.3127, 0.3290

Same Dimension

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



49.1566, 0.3168, 0.3486



87.2261, 0.3179, 0.3544



48.4945, 0.3108, 0.3472



10.8327, 0.3175, 0.3523



25.5738, 0.3254, 0.5798



1.0400, 0.3452, 0.5641

Inverse Universe

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



44.0075, 0.3083, 0.3096



75.5815, 0.3070, 0.3039



44.7115, 0.3146, 0.3114



9.4988, 0.3075, 0.3059



4.8634, 0.2233, 0.1004



0.2277, 0.2467, 0.1133

Previews

White Background



This preview shows how the Yxy color 49.1545, 0.3168, 0.3486 looks on a white background.

Color Contrast Check

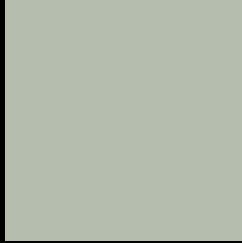
Large Text (above 18pt) WCAG AA × Fail

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 49.1545, 0.3168, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

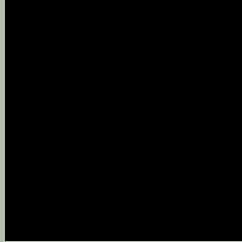
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

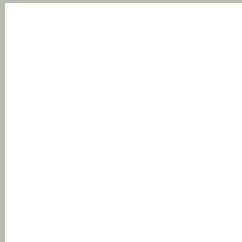
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1545, 0.3168, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 49.1545, 0.3168, 0.3486.



This preview shows how white text looks on a background with the Yxy color 49.1545, 0.3168, 0.3486.

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

49.1545, 0.3168, 0.3486

Protanopia

49.0139, 0.3299, 0.3456

Deuteranopia

49.1870, 0.3406, 0.3340



Tritanopia

49.0584, 0.3005, 0.3101

Trichromacy



Original Color

49.1545, 0.3168, 0.3486

Protanomaly

48.8263, 0.3246, 0.3458

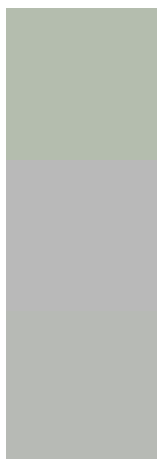
Deuteranomaly

48.9679, 0.3321, 0.3391

Tritanomaly

48.9467, 0.3064, 0.3226

Monochromacy



Original Color

49.1545, 0.3168, 0.3486

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5213, 0.3141, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1545, 0.3168, 0.3486 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(180, 189, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 189, 174)  
}
```

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(180, 189, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 189, 174) }
```

Border

The CSS property to change the border of an element to Yxy 49.1545, 0.3168, 0.3486 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(180, 189, 174) }
```

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

```
.border{ border-color:rgb(180, 189, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 189, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 189, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 189, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 189,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1545, 0.3168, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 189, 174) }
```

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

```
.background{ background-color: rgb(180,  
189, 174) }
```

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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