

Converting Colors

$Y_{xy}(49.1674, 0.3231, 0.3565)$

Have a look what the booklet for
Yxy(49.1674, 0.3231, 0.3565)
contains.

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Color

Yxy(49.1674, 0.3231, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	B6BDA8
RGB	182, 189, 168
RGB Percent	71%, 74%, 66%
CMY	0.2862, 0.2588, 0.3412
CMYK	0.04, 0.00, 0.11, 0.26
HSL	80°, 14%, 70%
HSV	80°, 11%, 74%
XYZ	44.5610, 49.1674, 44.1886
YIQ	184.5130, 2.5690, -8.0150

Conversions

Conversions Part 2

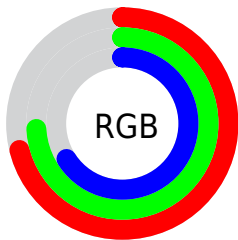
Format	Color
RYB	168, 189, 175
Decimal	11976104
CIELab	75.56, -6.21, 9.78
CIELCh	76, 11.584, 122.410
Yxy	49.1674, 0.3231, 0.3565
Android (android.graphics.Color)	4290166184 (0xFFB6BDA8)
YUV	184.5130, -8.1409, -2.2039
Hunter-Lab	70.1195, -9.2722, 11.7197

Details

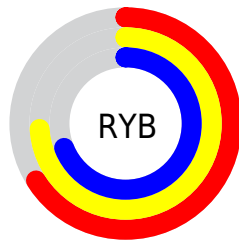
The Yxy color $49.1674, 0.3231, 0.3565$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $40.7922, 0.3015, 0.3010$, and the grayscale version is $48.2791, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8097, 0.3214, 0.3514$, and $23.5364, 0.3257, 0.3649$ is the 20% darker color. If you saturate the color by 10%, you get $47.7679, 0.3325, 0.3829$, and if you desaturate by 10%, it is $50.7078, 0.3137, 0.3316$.

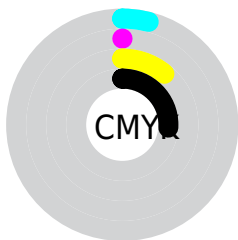
Distribution



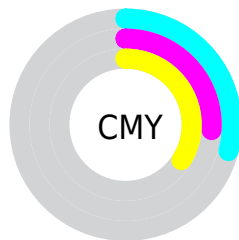
- Red (71%)
- Green (74%)
- Blue (66%)



- Red (66%)
- Yellow (74%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (11%)
- Black (26%)





- Cyan (29%)
- Magenta (26%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1674, 0.3231, 0.3565 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 49.1674, 0.3231, 0.3565 by changing the saturation by 10% instead.

 49.1674, 0.3231,
0.3565


 49.1674, 0.3231,
0.3565

383.4010, 0.3180,
0.3427

 34.7523, 0.3243,
0.3600


 88.9400, 0.3213,
0.3515

 23.4721, 0.3259,
0.3644


 115.0663, 0.3206,
0.3496

 14.9425, 0.3279,
0.3704


145.8652, 0.3200,
0.3480

 8.7790, 0.3306,
0.3787

181.7209, 0.3195,
0.3466

 4.5973, 0.3345,
0.3912

223.0180, 0.3191,
0.3455

 2.0130, 0.3404,
0.4120

270.1407, 0.3187,

 0.6150, 0.4132,

0.3444

0.5868

323.4736, 0.3183,
0.3435

0.0000, 0.0000,
0.0000

49.1674, 0.3231,
0.3565

49.1674, 0.3231,
0.3565

47.7679, 0.3325,
0.3829

50.7078, 0.3137,
0.3316

46.4981, 0.3415,
0.4103

52.3874, 0.3046,
0.3086

45.3550, 0.3498,
0.4380

54.2125, 0.2959,
0.2875

44.3329, 0.3569,
0.4650

56.1873, 0.2877,
0.2684

43.4259, 0.3623,
0.4900

57.8230, 0.2848,
0.2581

■ 42.6272, 0.3656,
0.5120

■ 58.7827, 0.2894,
0.2590

■ 41.9292, 0.3665,
0.5298

■ 59.7791, 0.2940,
0.2599

■ 41.3230, 0.3649,
0.5427

■ 60.8127, 0.2986,
0.2609

■ 40.8458, 0.3619,
0.5509

■ 61.8839, 0.3033,
0.2618

Harmonies

Analogous

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



49.1674, 0.3366, 0.3554



49.1674, 0.3231, 0.3565



49.1674, 0.3071, 0.3497

Triad

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



49.1674, 0.3231, 0.3565



49.1674, 0.2826, 0.3098



49.1674, 0.3327, 0.3210

Complementary

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



49.1674, 0.3231, 0.3565



40.7922, 0.3015, 0.3010

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.



49.1674, 0.3178, 0.3096



49.1674, 0.3231, 0.3565



49.1674, 0.2891, 0.3030

Square

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



49.1674, 0.3231, 0.3565



49.1674, 0.2840, 0.3222



49.1674, 0.3018, 0.3030



49.1674, 0.3423, 0.3346

Rectangle

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



49.1674, 0.3231, 0.3565



49.1674, 0.2972, 0.3416



49.1674, 0.3018, 0.3030



49.1674, 0.3282, 0.3168

Sweetspot

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



49.1695, 0.3231, 0.3565



90.2660, 0.3155, 0.3363



44.1705, 0.3312, 0.3378



19.3623, 0.3163, 0.3383



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.



49.1695, 0.3231, 0.3565



87.5177, 0.3251, 0.3619



47.9756, 0.3146, 0.3572



10.9574, 0.3214, 0.3520



27.5261, 0.3626, 0.5503



1.1125, 0.3766, 0.5392

Inverse Universe

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



40.7922, 0.3015, 0.3010



69.9320, 0.2992, 0.2954



42.0136, 0.3105, 0.3018



9.3752, 0.3034, 0.3056



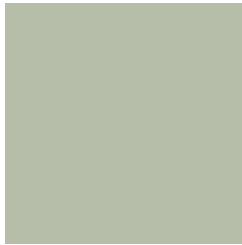
3.2161, 0.1754, 0.0740



0.1624, 0.2038, 0.0896

Previews

White Background



This preview shows how the Yxy color 49.1674, 0.3231, 0.3565 looks on a white background.

Color Contrast Check

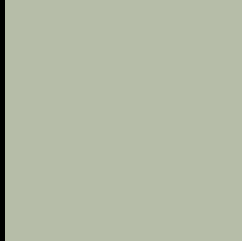
Large Text (above 18pt) WCAG AA × Fail

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 49.1674, 0.3231, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

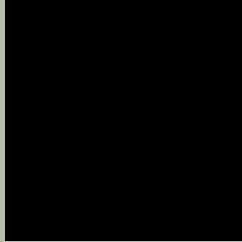
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

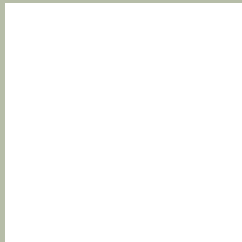
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1674, 0.3231, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 49.1674, 0.3231, 0.3565.



This preview shows how white text looks on a background with the Yxy color 49.1674, 0.3231, 0.3565.

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

49.1674, 0.3231, 0.3565

Protanopia

48.9204, 0.3357, 0.3533

Deuteranopia

48.8441, 0.3478, 0.3401



Tritanopia

48.9693, 0.3037, 0.3102

Trichromacy



Original Color

49.1674, 0.3231, 0.3565

Protanomaly

48.8550, 0.3312, 0.3535

Deuteranomaly

49.0109, 0.3389, 0.3466

Tritanomaly

49.0629, 0.3103, 0.3264

Monochromacy



Original Color

49.1674, 0.3231, 0.3565

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.5628, 0.3165, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1674, 0.3231, 0.3565 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(182, 189, 168)` looks like.

```
.text, #text, p{  
    color:rgb(182, 189, 168)  
}
```

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(182, 189, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 189, 168) }
```

Border

The CSS property to change the border of an element to Yxy 49.1674, 0.3231, 0.3565 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(182, 189, 168) }
```

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

```
.border{ border-color:rgb(182, 189, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 189, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 189, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 189, 168);  
box-shadow:4px 4px 4px 4px rgb(182, 189,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1674, 0.3231, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 189, 168) }
```

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

```
.background{ background-color: rgb(182,  
189, 168) }
```

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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