

# Converting Colors

Yxy(50.1418, 0.3175, 0.3560)

Have a look what the booklet for  
Yxy(50.1418, 0.3175, 0.3560)  
contains.

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# Color

**Yxy(50.2233, 0.3179, 0.3565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3C0AB
RGB	179, 192, 171
RGB Percent	70%, 75%, 67%
CMY	0.2982, 0.2470, 0.3293
CMYK	0.07, 0.00, 0.11, 0.25
HSL	97°, 14%, 71%
HSV	97°, 11%, 75%
XYZ	44.7854, 50.2233, 45.8701
YIQ	185.7190, -1.0070, -9.2870

# Conversions

## Conversions Part 2

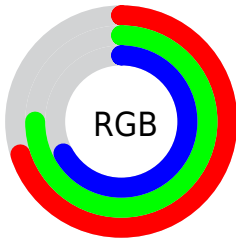
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	171, 192, 184
Decimal	11780267
CIE <sub>Lab</sub>	76.21, -8.36, 9.05
CIE <sub>LCh</sub>	76, 12.320, 132.750
Yxy	50.2233, 0.3179, 0.3565
Android (android.graphics.Color)	4289970347 (0xFFB3C0AB)
YUV	185.7190, -7.2565, -5.8926
Hunter-Lab	70.8684, -11.2164, 11.2319

# Details

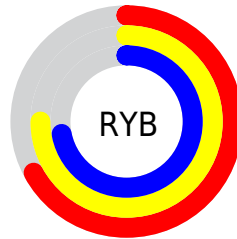
The Yxy color **50.2233, 0.3179, 0.3565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.1381, 0.3070, 0.3019**, and the grayscale version is **48.9777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2880, 0.3174, 0.3514**, and **24.2328, 0.3187, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **48.1846, 0.3225, 0.3842**, and if you desaturate by 10%, it is **52.4958, 0.3132, 0.3312**.

# Distribution



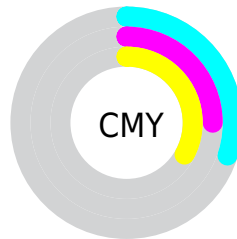
- Red (70%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (72%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)




- Cyan (30%)
- Magenta (25%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2233, 0.3179, 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 50.2233, 0.3179, 0.3565 by changing the saturation by 10% instead.





 50.2233, 0.3179,  
0.3565

 50.2233, 0.3179,  
0.3565


387.5385, 0.3154,  
0.3427

 35.5909, 0.3185,  
0.3600


 90.5056, 0.3170,  
0.3515

 24.1184, 0.3192,  
0.3644


116.9243, 0.3167,  
0.3496

 15.4215, 0.3201,  
0.3703


148.0406, 0.3164,  
0.3480

 9.1157, 0.3213,  
0.3787

184.2387, 0.3162,  
0.3466

 4.8167, 0.3228,  
0.3912

225.9032, 0.3160,  
0.3455

 2.1401, 0.3250,  
0.4120

273.4184, 0.3158,

 0.6871, 0.3587,

0.3444

0.5490

327.1687, 0.3156,  
0.3435

0.0000, 0.0000,  
0.0000

50.2233, 0.3179,  
0.3565

50.2233, 0.3179,  
0.3565

48.1846, 0.3225,  
0.3842

52.4958, 0.3132,  
0.3312

46.3656, 0.3266,  
0.4139

55.0030, 0.3084,  
0.3085

44.7602, 0.3301,  
0.4449


57.7538, 0.3038,  
0.2881

43.3599, 0.3325,  
0.4762

60.7550, 0.2994,  
0.2701


42.1553, 0.3335,  
0.5063

63.2141, 0.3034,  
0.2650


 41.1361, 0.3329,  
0.5335

 65.3566, 0.3123,  
0.2667

 40.2912, 0.3304,  
0.5560

 66.1853, 0.3156,  
0.2673

 39.6076, 0.3262,  
0.5726

 39.1081, 0.3215,  
0.5829

# Harmonies

## Analogous

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



50.2233, 0.3336, 0.3583



50.2233, 0.3179, 0.3565



50.2233, 0.3012, 0.3467

# Triad

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



50.2233, 0.3179, 0.3565



50.2233, 0.2824, 0.3055



50.2233, 0.3382, 0.3254

# Complementary

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



50.2233, 0.3179, 0.3565



43.1381, 0.3070, 0.3019

# 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.



50.2233, 0.3239, 0.3122



50.2233, 0.3179, 0.3565



50.2233, 0.2918, 0.3008

# Square

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



50.2233, 0.3179, 0.3565



50.2233, 0.2810, 0.3168



50.2233, 0.3068, 0.3033



50.2233, 0.3455, 0.3398



# Rectangle

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



50.2233, 0.3179, 0.3565



50.2233, 0.2916, 0.3372



50.2233, 0.3068, 0.3033



50.2233, 0.3340, 0.3207

# Sweetspot

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



50.2255, 0.3179, 0.3565



94.1997, 0.3142, 0.3364



48.4159, 0.3300, 0.3456



20.1356, 0.3146, 0.3384



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290



# Same Dimension

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



50.2255, 0.3179, 0.3565



90.1145, 0.3190, 0.3626



49.4006, 0.3096, 0.3537



11.4403, 0.3172, 0.3524



26.3528, 0.3224, 0.5822



1.1782, 0.3408, 0.5676



# Inverse Universe

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



43.1381, 0.3070, 0.3019



74.8441, 0.3056, 0.2960



44.0397, 0.3160, 0.3055



10.0510, 0.3079, 0.3059



5.2626, 0.2289, 0.1035

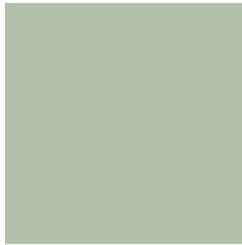


0.2658, 0.2496, 0.1149



# Previews

## White Background



This preview shows how the Yxy color 50.2233, 0.3179, 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 50.2233, 0.3179, 0.3565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

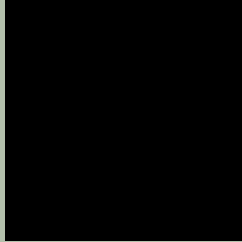
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 50.2233, 0.3179, 0.3565**

## **Background**



This preview shows how black text looks on a background with the Yxy color 50.2233, 0.3179, 0.3565.



This preview shows how white text looks on a background with the Yxy color 50.2233, 0.3179, 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

50.2233, 0.3179, 0.3565

### Protanopia

50.1036, 0.3354, 0.3531

### Deuteranopia

49.9138, 0.3457, 0.3388



## Tritanopia

49.9953, 0.2990, 0.3102

# Trichromacy



## Original Color

50.2233, 0.3179, 0.3565

## Protanomaly

50.2069, 0.3291, 0.3546

## Deuteranomaly

49.8186, 0.3351, 0.3453

## Tritanomaly

50.1019, 0.3055, 0.3264

# Monochromacy



## Original Color

50.2233, 0.3179, 0.3565

## Achromatopsia

49.1021, 0.3127, 0.3290

## Achromatomaly

49.3699, 0.3139, 0.3380

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 50.2233, 0.3179, 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(179, 192, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 192, 171)  
}
```

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(179, 192, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 192, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 50.2233, 0.3179, 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(179, 192, 171) }
```

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

```
.border{ border-color:rgb(179, 192, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 192, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 192, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 192, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 192,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 50.2233, 0.3179, 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(179, 192, 171) }
```

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

```
.background{ background-color: rgb(179,  
192, 171) }
```

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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