

Converting Colors

Yxy(51.2594, 0.3160, 0.3542)

Have a look what the booklet for
Yxy(51.2594, 0.3160, 0.3542)
contains.

Yxy(51.3429, 0.3163, 0.3550)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3429, 0.3163, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	B4C2AE
RGB	180, 194, 174
RGB Percent	71%, 76%, 68%
CMY	0.2943, 0.2391, 0.3177
CMYK	0.07, 0.00, 0.10, 0.24
HSL	102°, 14%, 72%
HSV	102°, 10%, 76%
XYZ	45.7458, 51.3429, 47.5392
YIQ	187.5340, -1.9240, -9.1880

Conversions

Conversions Part 2

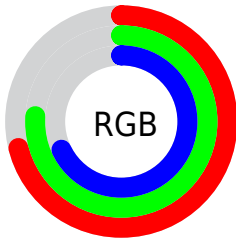
Format	Color
RYB	174, 194, 188
Decimal	11846318
CIELab	76.89, -8.53, 8.42
CIELCh	77, 11.990, 135.373
Yxy	51.3429, 0.3163, 0.3550
Android (android.graphics.Color)	4290036398 (0xFFB4C2AE)
YUV	187.5340, -6.6723, -6.6073
Hunter-Lab	71.6540, -11.4353, 10.8215

Details

The Yxy color **51.3429, 0.3163, 0.3550** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8635, 0.3087, 0.3036**, and the grayscale version is **50.0479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8612, 0.3162, 0.3503**, and **24.6733, 0.3167, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **49.0872, 0.3196, 0.3829**, and if you desaturate by 10%, it is **53.8731, 0.3128, 0.3298**.

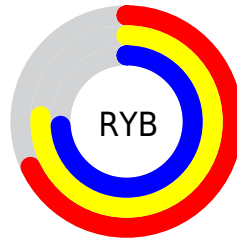
Distribution



Red (71%)

Green (76%)

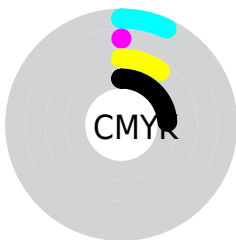
Blue (68%)



Red (68%)

Yellow (76%)

Blue (74%)

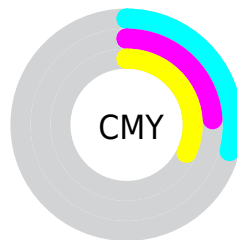


Cyan (7%)

Magenta (0%)

Yellow (10%)

Black (24%)



Cyan (29%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3429, 0.3163, 0.3550 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 51.3429, 0.3163, 0.3550 by changing the saturation by 10% instead.

 51.3429, 0.3163,
0.3550

 51.3429, 0.3163,
0.3550

391.8946, 0.3146,
0.3420

 36.4816, 0.3167,
0.3582


 92.1614, 0.3157,
0.3503

 24.8064, 0.3171,
0.3624


118.8874, 0.3155,
0.3485

 15.9328, 0.3177,
0.3679


150.3371, 0.3153,
0.3470

 9.4766, 0.3185,
0.3757

186.8949, 0.3151,
0.3457

 5.0534, 0.3194,
0.3872

228.9451, 0.3150,
0.3446

 2.2786, 0.3206,
0.4063

276.8722, 0.3149,

 0.7624, 0.3397,

0.3436

0.5016

331.0606, 0.3147,
0.3428

0.0000, 0.0000,
0.0000

51.3429, 0.3163,
0.3550

51.3429, 0.3163,
0.3550

49.0872, 0.3196,
0.3829

53.8731, 0.3128,
0.3298

47.0899, 0.3225,
0.4131

56.6799, 0.3093,
0.3072

45.3436, 0.3248,
0.4450

59.7739, 0.3059,
0.2872

43.8377, 0.3261,
0.4774

63.1632, 0.3026,
0.2696

42.5610, 0.3263,
0.5088

65.7816, 0.3103,
0.2683

■ 41.5011, 0.3251,
0.5373

■ 67.0713, 0.3155,
0.2693

■ 40.6446, 0.3223,
0.5609

■ 39.9759, 0.3183,
0.5781

■ 39.4843, 0.3137,
0.5891

Harmonies

Analogous

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



51.3429, 0.3317, 0.3574



51.3429, 0.3163, 0.3550



51.3429, 0.3002, 0.3450

Triad

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



51.3429, 0.3163, 0.3550



51.3429, 0.2839, 0.3056



51.3429, 0.3382, 0.3267

Complementary

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



51.3429, 0.3163, 0.3550



44.8635, 0.3087, 0.3036

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.



51.3429, 0.3249, 0.3137



51.3429, 0.3163, 0.3550



51.3429, 0.2936, 0.3016

Square

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



51.3429, 0.3163, 0.3550



51.3429, 0.2818, 0.3161



51.3429, 0.3085, 0.3047



51.3429, 0.3446, 0.3406

Rectangle

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



51.3429, 0.3163, 0.3550



51.3429, 0.2913, 0.3356



51.3429, 0.3085, 0.3047



51.3429, 0.3344, 0.3222

Sweetspot

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



51.3451, 0.3163, 0.3550



96.2870, 0.3138, 0.3364



50.4981, 0.3287, 0.3467



21.0023, 0.3141, 0.3384



0.0000, 0.0000, 0.0000



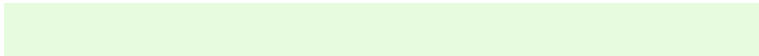
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3451, 0.3163, 0.3550



92.2046, 0.3169, 0.3600



50.8035, 0.3085, 0.3500



11.4009, 0.3160, 0.3525



25.9921, 0.3146, 0.5884



1.1598, 0.3325, 0.5742

Inverse Universe

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



44.8635, 0.3087, 0.3036



78.5133, 0.3079, 0.2988



45.4593, 0.3172, 0.3089



10.0921, 0.3091, 0.3060



6.0588, 0.2475, 0.1137



0.2961, 0.2645, 0.1231

Previews

White Background



This preview shows how the Yxy color 51.3429, 0.3163, 0.3550 looks on a white background.

Color Contrast Check

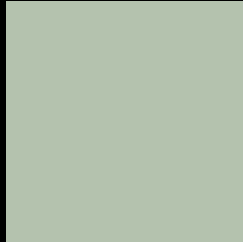
Large Text (above 18pt) WCAG AA × Fail

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 51.3429, 0.3163, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

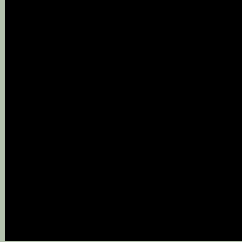
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

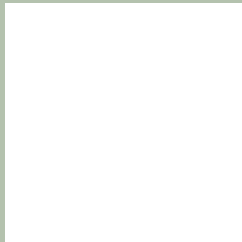
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3429, 0.3163, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 51.3429, 0.3163, 0.3550.



This preview shows how white text looks on a background with the Yxy color 51.3429, 0.3163, 0.3550.

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

51.3429, 0.3163, 0.3550

Protanopia

51.2058, 0.3335, 0.3516

Deuteranopia

51.1477, 0.3445, 0.3375



Tritanopia

51.5490, 0.2977, 0.3104

Trichromacy



Original Color

51.3429, 0.3163, 0.3550

Protanomaly

51.3165, 0.3273, 0.3532

Deuteranomaly

51.0533, 0.3341, 0.3439

Tritanomaly

51.2239, 0.3041, 0.3252

Monochromacy



Original Color

51.3429, 0.3163, 0.3550

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.5601, 0.3139, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3429, 0.3163, 0.3550 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, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(180, 194, 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, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 194, 174) }
```

Border

The CSS property to change the border of an element to Yxy 51.3429, 0.3163, 0.3550 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, 194, 174) }
```

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

```
.border{ border-color:rgb(180, 194, 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, 194, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 194, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 194, 174);  
box-shadow:4px 4px 4px 4px rgb(180, 194,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3429, 0.3163, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 194, 174) }
```

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

```
.background{ background-color: rgb(180,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor