

Converting Colors

Yxy(51.7507, 0.2896, 0.3160)

Have a look what the booklet for
Yxy(51.7507, 0.2896, 0.3160)
contains.

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Color

Yxy(51.8274, 0.2894, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	ADC2CC
RGB	173, 194, 204
RGB Percent	68%, 76%, 80%
CMY	0.3214, 0.2393, 0.1999
CMYK	0.15, 0.05, 0.00, 0.20
HSL	199°, 23%, 74%
HSV	199°, 15%, 80%
XYZ	47.4347, 51.8274, 64.6449
YIQ	188.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

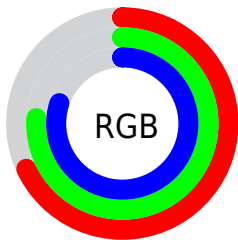
Format	Color
R _Y B	173, 186, 204
Decimal	11387596
CIE Lab	77.18, -5.02, -7.44
CIE LCh	77, 8.981, 235.983
Yxy	51.8274, 0.2894, 0.3162
Android (android.graphics.Color)	4289577676 (0xFFADC2CC)
YUV	188.8610, 7.4635, -13.9101
Hunter-Lab	71.9912, -8.3719, -2.8459

Details

The Yxy color **51.8274, 0.2894, 0.3162** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.7625, 0.3390, 0.3415**, and the grayscale version is **50.7748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2492, 0.2969, 0.3240**, and **24.9512, 0.2827, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **46.8005, 0.2741, 0.3067**, and if you desaturate by 10%, it is **57.3447, 0.3048, 0.3249**.

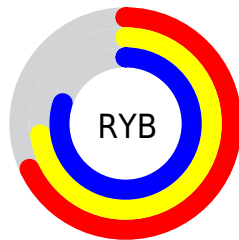
Distribution



Red (68%)

Green (76%)

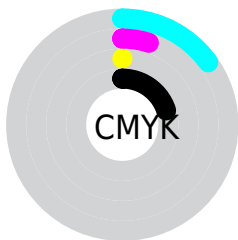
Blue (80%)



Red (68%)

Yellow (73%)

Blue (80%)

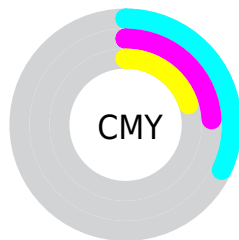


Cyan (15%)

Magenta (5%)

Yellow (0%)

Black (20%)



Cyan (32%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8274, 0.2894, 0.3162 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 51.8274, 0.2894, 0.3162 by changing the saturation by 10% instead.

■ 51.8274, 0.2894,
0.3162

■ 51.8274, 0.2894,
0.3162

393.7699, 0.3008,
0.3226

■ 36.8675, 0.2866,
0.3146

■ 92.8766, 0.2935,
0.3185

■ 25.1049, 0.2831,
0.3126

119.7348, 0.2950,
0.3194

■ 16.1552, 0.2786,
0.3099

151.3278, 0.2963,
0.3201

■ 9.6341, 0.2723,
0.3062

188.0401, 0.2975,
0.3207

■ 5.1570, 0.2633,
0.3008

230.2561, 0.2985,
0.3213

■ 2.3397, 0.2492,
0.2919

278.3601, 0.2993,

■ 0.7946, 0.2199,

0.3218

0.2762

332.7366, 0.3001,
0.3222

0.0000, 0.0000,
0.0000

51.8274, 0.2894,
0.3162

51.8274, 0.2894,
0.3162

46.8005, 0.2741,
0.3067

57.3447, 0.3048,
0.3249

42.2398, 0.2591,
0.2964

63.3627, 0.3200,
0.3327

38.1284, 0.2449,
0.2853

69.8992, 0.3349,
0.3396

34.4459, 0.2318,
0.2736

76.9693, 0.3492,
0.3458

31.1696, 0.2201,
0.2615

80.5814, 0.3481,
0.3523

■ 28.2744, 0.2103,
0.2492

■ 84.2682, 0.3469,
0.3588

■ 25.7312, 0.2024,
0.2368

■ 88.0953, 0.3456,
0.3652

■ 23.5052, 0.1965,
0.2246

■ 92.0642, 0.3444,
0.3715

■ 22.5150, 0.1941,
0.2187

■ 96.1765, 0.3432,
0.3776

Harmonies

Analogous

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



51.8274, 0.2918, 0.3263



51.8274, 0.2894, 0.3162



51.8274, 0.2931, 0.3099

Triad

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



51.8274, 0.2894, 0.3162



51.8274, 0.3258, 0.3208



51.8274, 0.3232, 0.3502

Complementary

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



51.8274, 0.2894, 0.3162



49.7625, 0.3390, 0.3415

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.



51.8274, 0.3325, 0.3482



51.8274, 0.2894, 0.3162



51.8274, 0.3341, 0.3312

Square

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



51.8274, 0.2894, 0.3162



51.8274, 0.3140, 0.3126



51.8274, 0.3366, 0.3412



51.8274, 0.3111, 0.3462

Rectangle

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



51.8274, 0.2894, 0.3162



51.8274, 0.2986, 0.3084



51.8274, 0.3366, 0.3412



51.8274, 0.3267, 0.3502

Sweetspot

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



51.8295, 0.2894, 0.3162



95.0541, 0.3050, 0.3250



55.5005, 0.3041, 0.3562



20.2004, 0.3039, 0.3244



0.0000, 0.0000, 0.0000



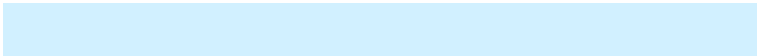
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8295, 0.2894, 0.3162



83.1857, 0.2847, 0.3134



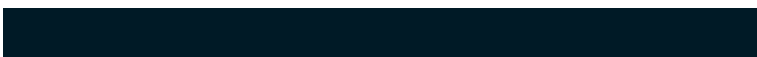
45.3827, 0.2887, 0.2963



12.0904, 0.2983, 0.3213



14.3427, 0.1946, 0.2205



0.8740, 0.2012, 0.2442

Inverse Universe

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



46.6421, 0.3228, 0.3035



73.2089, 0.3251, 0.2982



56.4065, 0.3363, 0.3597



11.3395, 0.3186, 0.3135



9.2509, 0.4227, 0.2102



0.4908, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 51.8274, 0.2894, 0.3162 looks on a white background.

Color Contrast Check

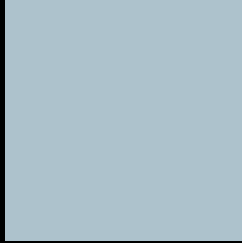
Large Text (above 18pt) WCAG AA × Fail

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 51.8274, 0.2894, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

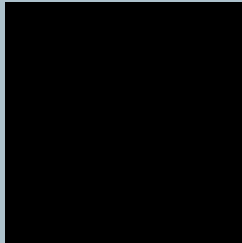
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

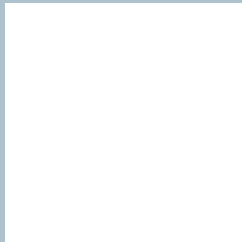
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8274, 0.2894, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 51.8274, 0.2894, 0.3162.



This preview shows how white text looks on a background with the Yxy color 51.8274, 0.2894, 0.3162.

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

51.8274, 0.2894, 0.3162

Protanopia

51.6886, 0.3053, 0.3142

Deuteranopia

51.7107, 0.3106, 0.3039



Tritanopia

51.7420, 0.2867, 0.3088

Trichromacy



Original Color

51.8274, 0.2894, 0.3162

Protanomaly

51.7162, 0.2990, 0.3152

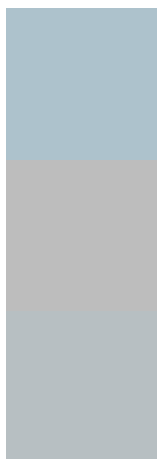
Deuteranomaly

51.4506, 0.3024, 0.3081

Tritanomaly

51.6436, 0.2880, 0.3113

Monochromacy



Original Color

51.8274, 0.2894, 0.3162

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2239, 0.3041, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8274, 0.2894, 0.3162 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(173, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(173, 194, 204)  
}
```

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(173, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 194, 204) }
```

Border

The CSS property to change the border of an element to Yxy 51.8274, 0.2894, 0.3162 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(173, 194, 204) }
```

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

```
.border{ border-color:rgb(173, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(173, 194,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8274, 0.2894, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 194, 204) }
```

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

```
.background{ background-color: rgb(173,  
194, 204) }
```

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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