

Converting Colors

Yxy(51.9134, 0.3046, 0.3568)

Have a look what the booklet for
Yxy(51.9134, 0.3046, 0.3568)
contains.

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Color

Yxy(51.8873, 0.3044, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	A8C6B1
RGB	168, 198, 177
RGB Percent	66%, 78%, 69%
CMY	0.3414, 0.2234, 0.3059
CMYK	0.15, 0.00, 0.11, 0.22
HSL	138°, 21%, 72%
HSV	138°, 15%, 78%
XYZ	44.2671, 51.8873, 49.2697
YIQ	186.6360, -11.1390, -12.8910

Conversions

Conversions Part 2

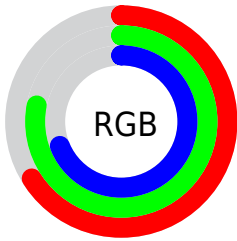
Format	Color
RYB	168, 191, 198
Decimal	11060913
CIELab	77.21, -14.21, 7.17
CIElCh	77, 15.916, 153.236
Yxy	51.8873, 0.3044, 0.3568
Android (android.graphics.Color)	4289250993 (0xFFA8C6B1)
YUV	186.6360, -4.7505, -16.3438
Hunter-Lab	72.0328, -16.3620, 9.8693

Details

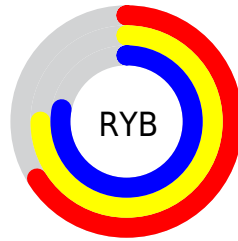
The Yxy color **51.8873, 0.3044, 0.3568** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6636, 0.3222, 0.3027**, and the grayscale version is **49.5049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0912, 0.3055, 0.3516**, and **25.1148, 0.3028, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **49.3557, 0.2991, 0.3779**, and if you desaturate by 10%, it is **54.8102, 0.3099, 0.3379**.

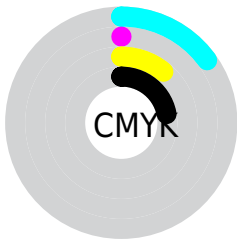
Distribution



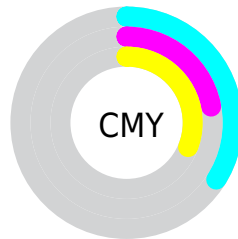
- Red (66%)
- Green (78%)
- Blue (69%)



- Red (66%)
- Yellow (75%)
- Blue (78%)



- Cyan (15%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



- Cyan (34%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8873, 0.3044, 0.3568 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 51.8873, 0.3044, 0.3568 by changing the saturation by 10% instead.


 51.8873, 0.3044,
0.3568


 51.8873, 0.3044,
0.3568


394.0014, 0.3086,
0.3429

 36.9153, 0.3033,
0.3603


 92.9650, 0.3059,
0.3517

 25.1419, 0.3019,
0.3648


 119.8395, 0.3065,
0.3498

 16.1828, 0.3001,
0.3708


151.4502, 0.3070,
0.3482

 9.6536, 0.2974,
0.3791

188.1815, 0.3074,
0.3469

 5.1699, 0.2934,
0.3917

230.4179, 0.3078,
0.3457

 2.3473, 0.2866,
0.4126

278.5438, 0.3081,

 0.7986, 0.2610,

0.3446

0.5057

332.9435, 0.3084,
0.3437

0.0000, 0.0000,
0.0000

51.8873, 0.3044,
0.3568

51.8873, 0.3044,
0.3568

49.3557, 0.2991,
0.3779

54.8102, 0.3099,
0.3379

47.1922, 0.2941,
0.4012

58.1335, 0.3153,
0.3212

45.3813, 0.2898,
0.4263

61.8739, 0.3207,
0.3066

43.9036, 0.2865,
0.4527

66.0455, 0.3258,
0.2938

42.7379, 0.2844,
0.4796

68.3246, 0.3216,
0.2813

■ 41.8605, 0.2838,
0.5058

■ 68.8777, 0.3153,
0.2732

■ 41.2439, 0.2849,
0.5301

■ 40.8552, 0.2875,
0.5512

■ 40.7194, 0.2889,
0.5602

Harmonies

Analogous

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



51.8873, 0.3260, 0.3663



51.8873, 0.3044, 0.3568



51.8873, 0.2855, 0.3391

Triad

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



51.8873, 0.3044, 0.3568



51.8873, 0.2813, 0.2940



51.8873, 0.3530, 0.3368

Complementary

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



51.8873, 0.3044, 0.3568



43.6636, 0.3222, 0.3027

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.



51.8873, 0.3402, 0.3186



51.8873, 0.3044, 0.3568



51.8873, 0.2985, 0.2944

Square

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



51.8873, 0.3044, 0.3568



51.8873, 0.2725, 0.3026



51.8873, 0.3201, 0.3034



51.8873, 0.3545, 0.3537

Rectangle

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



51.8873, 0.3044, 0.3568



51.8873, 0.2768, 0.3255



51.8873, 0.3201, 0.3034



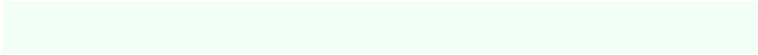
51.8873, 0.3499, 0.3307

Sweetspot

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



51.8895, 0.3044, 0.3568



97.1006, 0.3099, 0.3377



54.0408, 0.3278, 0.3671



20.6995, 0.3095, 0.3390



0.0000, 0.0000, 0.0000



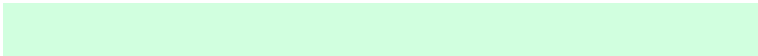
21.4041, 0.3127, 0.3290

Same Dimension

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



51.8895, 0.3044, 0.3568



90.4127, 0.3027, 0.3631



52.5216, 0.2940, 0.3368



11.9395, 0.3076, 0.3456



26.4880, 0.2883, 0.5578



1.2672, 0.2761, 0.5140

Inverse Universe

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



43.6636, 0.3222, 0.3027



73.2724, 0.3244, 0.2972



43.0449, 0.3354, 0.3214



10.7602, 0.3183, 0.3130



9.0250, 0.4139, 0.2054



0.4397, 0.3901, 0.1922

Previews

White Background



This preview shows how the Yxy color 51.8873, 0.3044, 0.3568 looks on a white background.

Color Contrast Check

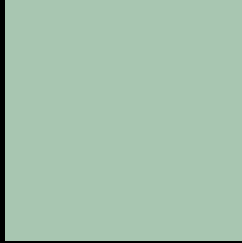
Large Text (above 18pt) WCAG AA × Fail

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 51.8873, 0.3044, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

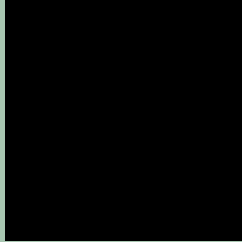
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

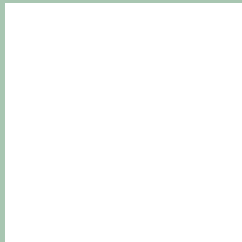
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8873, 0.3044, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 51.8873, 0.3044, 0.3568.



This preview shows how white text looks on a background with the Yxy color 51.8873, 0.3044, 0.3568.

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

51.8873, 0.3044, 0.3568

Protanopia

51.8498, 0.3326, 0.3502

Deuteranopia

51.7224, 0.3409, 0.3339



Tritanopia

51.6276, 0.2859, 0.3088

Trichromacy



Original Color

51.8873, 0.3044, 0.3568

Protanomaly

51.7607, 0.3222, 0.3533

Deuteranomaly

51.5202, 0.3272, 0.3415

Tritanomaly

51.7194, 0.2927, 0.3264

Monochromacy



Original Color

51.8873, 0.3044, 0.3568

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3838, 0.3098, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8873, 0.3044, 0.3568 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(168, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 177)  
}
```

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(168, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.8873, 0.3044, 0.3568 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(168, 198, 177) }
```

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

```
.border{ border-color:rgb(168, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8873, 0.3044, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 177) }
```

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

```
.background{ background-color: rgb(168,  
198, 177) }
```

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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