

Converting Colors

Yxy(51.4163, 0.3036, 0.3378)

Have a look what the booklet for
Yxy(51.4163, 0.3036, 0.3378)
contains.

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Color

Yxy(51.4015, 0.3036, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	B0C2BB
RGB	176, 194, 187
RGB Percent	69%, 76%, 73%
CMY	0.3097, 0.2392, 0.2666
CMYK	0.09, 0.00, 0.04, 0.24
HSL	157°, 13%, 73%
HSV	157°, 9%, 76%
XYZ	46.1701, 51.4015, 54.5038
YIQ	187.8200, -8.4810, -5.9930

Conversions

Conversions Part 2

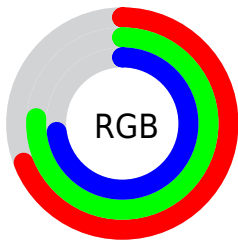
Format	Color
R _Y B	176, 187, 194
Decimal	11584187
CIE Lab	76.92, -7.48, 1.41
CIE LCh	77, 7.609, 169.329
Yxy	51.4015, 0.3036, 0.3380
Android (android.graphics.Color)	4289774267 (0xFFB0C2BB)
YUV	187.8200, -0.4043, -10.3661
Hunter-Lab	71.6948, -10.5154, 5.1130

Details

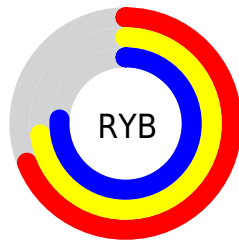
The Yxy color **51.4015, 0.3036, 0.3380** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.9490, 0.3228, 0.3202**, and the grayscale version is **50.1911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9981, 0.3055, 0.3360**, and **24.6884, 0.3005, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **48.9863, 0.2941, 0.3488**, and if you desaturate by 10%, it is **54.1613, 0.3134, 0.3283**.

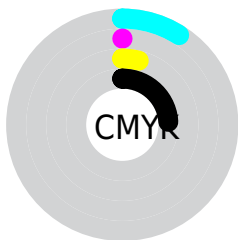
Distribution



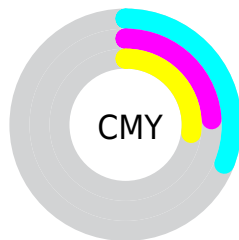
- Red (69%)
- Green (76%)
- Blue (73%)



- Red (69%)
- Yellow (73%)
- Blue (76%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)





- Cyan (31%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.4015, 0.3036, 0.3380 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 51.4015, 0.3036, 0.3380 by changing the saturation by 10% instead.


 51.4015, 0.3036,
0.3380

 51.4015, 0.3036,
0.3380


392.1217, 0.3081,
0.3336

 36.5282, 0.3025,
0.3391

 92.2480, 0.3052,
0.3364

 24.8424, 0.3011,
0.3405


118.9900, 0.3058,
0.3358

 15.9597, 0.2992,
0.3424


150.4570, 0.3064,
0.3353

 9.4956, 0.2966,
0.3449

187.0335, 0.3068,
0.3348

 5.0659, 0.2929,
0.3487

229.1038, 0.3072,
0.3345

 2.2860, 0.2868,
0.3549

277.0524, 0.3075,

 0.7663, 0.2665,

0.3341

0.3742

331.2635, 0.3078,
0.3338

0.0000, 0.0000,
0.0000

51.4015, 0.3036,
0.3380

51.4015, 0.3036,
0.3380

48.9863, 0.2941,
0.3488

54.1613, 0.3134,
0.3283

46.8951, 0.2851,
0.3606

57.2721, 0.3234,
0.3197

45.1154, 0.2770,
0.3734


60.7486, 0.3333,
0.3120

43.6310, 0.2701,
0.3871

64.6025, 0.3430,
0.3053

42.4244, 0.2647,
0.4016


65.2649, 0.3381,
0.2979

 41.4762, 0.2610,
0.4165

 65.6854, 0.3323,
0.2905


 40.7643, 0.2593,
0.4316

 66.1244, 0.3266,
0.2833

 40.2627, 0.2596,
0.4466

 66.5820, 0.3210,
0.2762

 39.9256, 0.2616,
0.4613

 67.0584, 0.3156,
0.2693

Harmonies

Analogous

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



51.4015, 0.3137, 0.3447



51.4015, 0.3036, 0.3380



51.4015, 0.2960, 0.3288

Triad

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



51.4015, 0.3036, 0.3380



51.4015, 0.3017, 0.3115



51.4015, 0.3330, 0.3377

Complementary

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



51.4015, 0.3036, 0.3380



45.9490, 0.3228, 0.3202

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.



51.4015, 0.3297, 0.3289



51.4015, 0.3036, 0.3380



51.4015, 0.3115, 0.3139

Square

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



51.4015, 0.3036, 0.3380



51.4015, 0.2949, 0.3136



51.4015, 0.3218, 0.3203



51.4015, 0.3308, 0.3444

Rectangle

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



51.4015, 0.3036, 0.3380



51.4015, 0.2933, 0.3227



51.4015, 0.3218, 0.3203



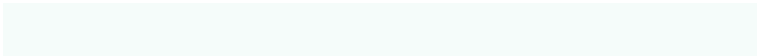
51.4015, 0.3325, 0.3348

Sweetspot

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



51.4037, 0.3036, 0.3380



96.1651, 0.3097, 0.3319



51.8117, 0.3174, 0.3521



20.9689, 0.3089, 0.3326



0.0000, 0.0000, 0.0000



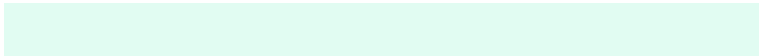
21.4041, 0.3127, 0.3290

Same Dimension

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



51.4037, 0.3036, 0.3380



92.2496, 0.3017, 0.3400



50.9153, 0.2986, 0.3267



11.3599, 0.3035, 0.3381



26.2522, 0.2612, 0.4604



1.1475, 0.2521, 0.4276

Inverse Universe

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



45.9490, 0.3228, 0.3202



80.4836, 0.3251, 0.3183



46.3746, 0.3285, 0.3313



10.1413, 0.3229, 0.3201



7.8941, 0.5397, 0.2747



0.3546, 0.4798, 0.2417

Previews

White Background



This preview shows how the Yxy color 51.4015, 0.3036, 0.3380 looks on a white background.

Color Contrast Check

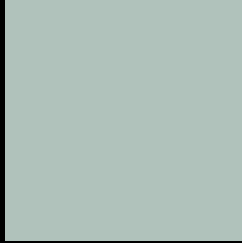
Large Text (above 18pt) WCAG AA × Fail

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 51.4015, 0.3036, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

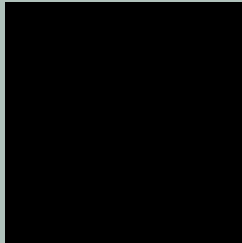
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

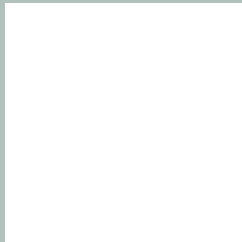
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4015, 0.3036, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 51.4015, 0.3036, 0.3380.



This preview shows how white text looks on a background with the Yxy color 51.4015, 0.3036, 0.3380.

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

51.4015, 0.3036, 0.3380

Protanopia

51.3252, 0.3207, 0.3353

Deuteranopia

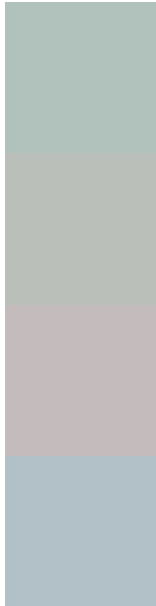
51.3650, 0.3292, 0.3230



Tritanopia

51.3015, 0.2924, 0.3101

Trichromacy



Original Color

51.4015, 0.3036, 0.3380

Protanomaly

51.3292, 0.3140, 0.3366

Deuteranomaly

51.3330, 0.3194, 0.3290

Tritanomaly

51.2878, 0.2966, 0.3201

Monochromacy



Original Color

51.4015, 0.3036, 0.3380

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6481, 0.3093, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4015, 0.3036, 0.3380 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(176, 194, 187)` looks like.

```
.text, #text, p{  
    color:rgb(176, 194, 187)  
}
```

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(176, 194, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 187) }
```

Border

The CSS property to change the border of an element to Yxy 51.4015, 0.3036, 0.3380 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(176, 194, 187) }
```

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

```
.border{ border-color:rgb(176, 194, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 194, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 187);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4015, 0.3036, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 194, 187) }
```

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

```
.background{ background-color: rgb(176,  
194, 187) }
```

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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