

Converting Colors

Yxy(51.3254, 0.3015, 0.3338)

Have a look what the booklet for
Yxy(51.3254, 0.3015, 0.3338)
contains.

| | |
|--|----|
| Yxy(51.5314, 0.3014, 0.3341) | 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(51.5314, 0.3014, 0.3341)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B0C2BE |
| RGB | 176, 194, 190 |
| RGB Percent | 69%, 76%, 75% |
| CMY | 0.3099, 0.2392, 0.2548 |
| CMYK | 0.09, 0.00, 0.02, 0.24 |
| HSL | 167°, 13%, 73% |
| HSV | 167°, 9%, 76% |
| XYZ | 46.4878, 51.5314, 56.2203 |
| YIQ | 188.1620, -9.4440, -5.0600 |

Conversions

Conversions Part 2

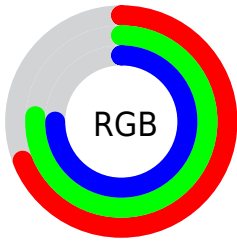
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 176, 186, 194 |
| Decimal | 11584190 |
| CIE Lab | 77.00, -6.92, -0.11 |
| CIE LCh | 77, 6.916, 180.878 |
| Yxy | 51.5314, 0.3014, 0.3341 |
| Android (android.graphics.Color) | 4289774270 (0xFFB0C2BE) |
| YUV | 188.1620, 0.9061, -10.6661 |
| Hunter-Lab | 71.7854, -10.0289, 3.8155 |

Details

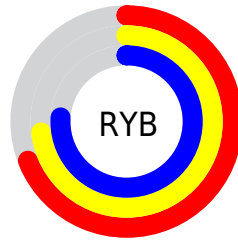
The Yxy color **51.5314, 0.3014, 0.3341** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.8063, 0.3254, 0.3240**, and the grayscale version is **50.3845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1808, 0.3038, 0.3330**, and **24.7733, 0.2976, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **49.2466, 0.2897, 0.3401**, and if you desaturate by 10%, it is **54.1493, 0.3136, 0.3286**.

Distribution



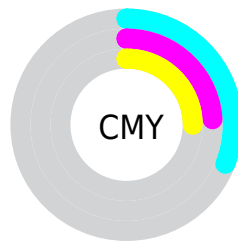
- Red (69%)
- Green (76%)
- Blue (75%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (2%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5314, 0.3014, 0.3341 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 51.5314, 0.3014, 0.3341 by changing the saturation by 10% instead.

■ 51.5314, 0.3014,
0.3341

■ 51.5314, 0.3014,
0.3341

392.6249, 0.3070,
0.3316

■ 36.6317, 0.3000,
0.3347

■ 92.4398, 0.3034,
0.3332

■ 24.9225, 0.2983,
0.3355

119.2173, 0.3042,
0.3329

■ 16.0193, 0.2960,
0.3365

150.7228, 0.3048,
0.3326

■ 9.5378, 0.2929,
0.3379

187.3407, 0.3054,
0.3323

■ 5.0936, 0.2883,
0.3400

229.4555, 0.3058,
0.3321

■ 2.3023, 0.2809,
0.3432

277.4516, 0.3063,

■ 0.7749, 0.2588,

0.3319

0.3532

331.7132, 0.3066,
0.3318

0.0000, 0.0000,
0.0000

51.5314, 0.3014,
0.3341

51.5314, 0.3014,
0.3341

49.2466, 0.2897,
0.3401

54.1493, 0.3136,
0.3286

47.2746, 0.2788,
0.3467

57.1067, 0.3260,
0.3237

45.6030, 0.2690,
0.3537

60.4178, 0.3386,
0.3193

44.2159, 0.2606,
0.3612

64.0943, 0.3509,
0.3155

43.0960, 0.2537,
0.3690

64.5758, 0.3486,
0.3112

■ 42.2242, 0.2487,
0.3770

■ 64.7948, 0.3452,
0.3068

■ 41.5784, 0.2456,
0.3851

■ 65.0196, 0.3418,
0.3025

■ 41.1331, 0.2445,
0.3933

■ 65.2503, 0.3384,
0.2983

■ 40.8424, 0.2449,
0.4013

■ 65.4869, 0.3351,
0.2940

Harmonies

Analogous

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



51.5314, 0.3100, 0.3413



51.5314, 0.3014, 0.3341



51.5314, 0.2959, 0.3256

Triad

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



51.5314, 0.3014, 0.3341



51.5314, 0.3059, 0.3135



51.5314, 0.3309, 0.3396

Complementary

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



51.5314, 0.3014, 0.3341



45.8063, 0.3254, 0.3240

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.



51.5314, 0.3298, 0.3321



51.5314, 0.3014, 0.3341



51.5314, 0.3153, 0.3172

Square

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



51.5314, 0.3014, 0.3341



51.5314, 0.2985, 0.3138



51.5314, 0.3241, 0.3239



51.5314, 0.3271, 0.3444

Rectangle

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



51.5314, 0.3014, 0.3341



51.5314, 0.2946, 0.3203



51.5314, 0.3241, 0.3239



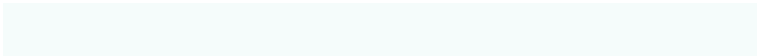
51.5314, 0.3311, 0.3373

Sweetspot

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



51.5336, 0.3014, 0.3341



96.2448, 0.3090, 0.3306



51.4469, 0.3150, 0.3524



20.9910, 0.3080, 0.3311



0.0000, 0.0000, 0.0000



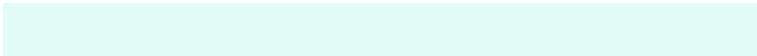
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5336, 0.3014, 0.3341



92.5324, 0.2992, 0.3352



49.6045, 0.2985, 0.3228



11.3890, 0.3013, 0.3341



26.8503, 0.2447, 0.4008



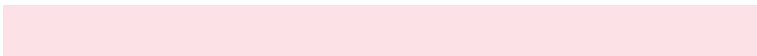
1.1698, 0.2397, 0.3828

Inverse Universe

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



45.8063, 0.3254, 0.3240



80.2173, 0.3283, 0.3229



47.5649, 0.3281, 0.3352



10.1136, 0.3255, 0.3239



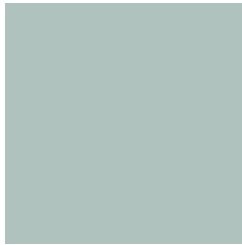
7.6655, 0.5992, 0.3075



0.3419, 0.5354, 0.2723

Previews

White Background



This preview shows how the Yxy color 51.5314, 0.3014, 0.3341 looks on a white background.

Color Contrast Check

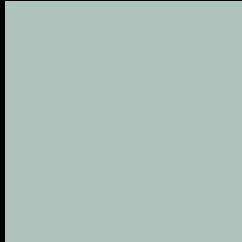
Large Text (above 18pt) WCAG AA × Fail

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 51.5314, 0.3014, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

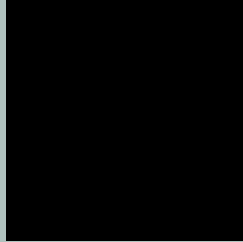
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

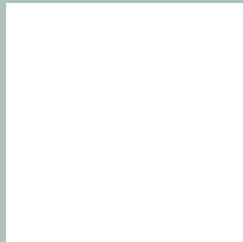
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.5314, 0.3014, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 51.5314, 0.3014, 0.3341.



This preview shows how white text looks on a background with the Yxy color 51.5314, 0.3014, 0.3341.

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

51.5314, 0.3014, 0.3341

Protanopia

51.4524, 0.3184, 0.3315

Deuteranopia

51.3521, 0.3259, 0.3194



Tritanopia

51.3503, 0.2917, 0.3089

Trichromacy



Original Color

51.5314, 0.3014, 0.3341

Protanomaly

51.4572, 0.3117, 0.3328

Deuteranomaly

51.4638, 0.3170, 0.3253

Tritanomaly

51.3813, 0.2951, 0.3176

Monochromacy



Original Color

51.5314, 0.3014, 0.3341

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6914, 0.3086, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5314, 0.3014, 0.3341 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(176, 194, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 194, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.5314, 0.3014, 0.3341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

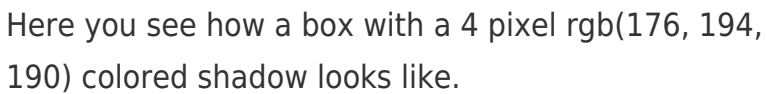
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 194, 190) }
```

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

```
.border{ border-color:rgb(176, 194, 190) }
```

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, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 194, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 194, 190);  
box-shadow:4px 4px 4px 4px rgb(176, 194,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5314, 0.3014, 0.3341 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, 190) }
```

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

```
.background{ background-color: rgb(176,  
194, 190) }
```

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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