

Converting Colors

$Yxy(51.2157, 0.3013, 0.3370)$

Have a look what the booklet for
Yxy(51.2157, 0.3013, 0.3370)
contains.

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Color

Yxy(51.2131, 0.3013, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	AEC2BC
RGB	174, 194, 188
RGB Percent	68%, 76%, 74%
CMY	0.3176, 0.2392, 0.2626
CMYK	0.10, 0.00, 0.03, 0.24
HSL	162°, 14%, 72%
HSV	162°, 10%, 76%
XYZ	45.8287, 51.2131, 55.0613
YIQ	187.3360, -9.9940, -6.1060

Conversions

Conversions Part 2

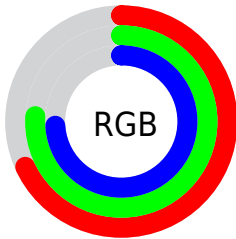
Format	Color
RYB	174, 186, 194
Decimal	11453116
CIELab	76.81, -7.96, 0.67
CIELCh	77, 7.987, 175.164
Yxy	51.2131, 0.3013, 0.3367
Android (android.graphics.Color)	4289643196 (0xFFAEC2BC)
YUV	187.3360, 0.3274, -11.6957
Hunter-Lab	71.5633, -10.9257, 4.4762

Details

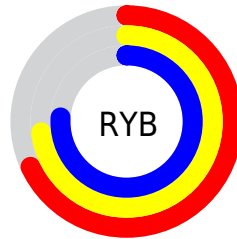
The Yxy color **51.2131, 0.3013, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.0411, 0.3256, 0.3214**, and the grayscale version is **49.8990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7259, 0.3037, 0.3350**, and **24.5704, 0.2975, 0.3378** is the 20% darker color. If you saturate the color by 10%, you get **48.9004, 0.2907, 0.3450**, and if you desaturate by 10%, it is **53.8620, 0.3124, 0.3292**.

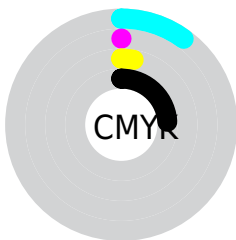
Distribution



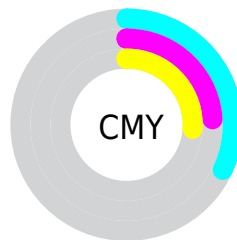
- Red (68%)
- Green (76%)
- Blue (74%)



- Red (68%)
- Yellow (73%)
- Blue (76%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)



- Cyan (32%)
- Magenta (24%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2131, 0.3013, 0.3367 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 51.2131, 0.3013, 0.3367 by changing the saturation by 10% instead.

■ 51.2131, 0.3013,
0.3367

■ 51.2131, 0.3013,
0.3367

391.3912, 0.3069,
0.3329

■ 36.3782, 0.2999,
0.3376

■ 91.9697, 0.3033,
0.3353

■ 24.7265, 0.2982,
0.3388

118.6602, 0.3041,
0.3348

■ 15.8734, 0.2958,
0.3404

150.0714, 0.3047,
0.3344

■ 9.4346, 0.2926,
0.3426

186.5876, 0.3053,
0.3340

■ 5.0257, 0.2879,
0.3458

228.5933, 0.3058,
0.3337

■ 2.2624, 0.2804,
0.3510

276.4729, 0.3062,

■ 0.7537, 0.2548,

0.3334

0.3678

330.6107, 0.3066,
0.3331

0.0000, 0.0000,
0.0000

51.2131, 0.3013,
0.3367

51.2131, 0.3013,
0.3367

48.9004, 0.2907,
0.3450

53.8620, 0.3124,
0.3292

46.9035, 0.2807,
0.3540

56.8536, 0.3237,
0.3225

45.2098, 0.2718,
0.3637

60.2024, 0.3350,
0.3165

43.8032, 0.2642,
0.3741

63.9201, 0.3461,
0.3113

42.6662, 0.2582,
0.3850

64.8533, 0.3442,
0.3056

■ 41.7792, 0.2540,
0.3962

■ 65.1603, 0.3397,
0.2998

■ 41.1200, 0.2517,
0.4075

■ 65.4780, 0.3352,
0.2941

■ 40.6623, 0.2514,
0.4188

■ 65.8065, 0.3307,
0.2885

■ 40.3616, 0.2527,
0.4296

■ 66.1459, 0.3263,
0.2830

Harmonies

Analogous

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



51.2131, 0.3116, 0.3445



51.2131, 0.3013, 0.3367



51.2131, 0.2941, 0.3268

Triad

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



51.2131, 0.3013, 0.3367



51.2131, 0.3029, 0.3107



51.2131, 0.3340, 0.3397

Complementary

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



51.2131, 0.3013, 0.3367



45.0411, 0.3256, 0.3214

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.



51.2131, 0.3317, 0.3307



51.2131, 0.3013, 0.3367



51.2131, 0.3136, 0.3142

Square

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



51.2131, 0.3013, 0.3367



51.2131, 0.2950, 0.3120



51.2131, 0.3241, 0.3214



51.2131, 0.3306, 0.3461

Rectangle

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



51.2131, 0.3013, 0.3367



51.2131, 0.2920, 0.3206



51.2131, 0.3241, 0.3214



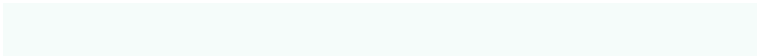
51.2131, 0.3339, 0.3369

Sweetspot

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



51.2153, 0.3013, 0.3367



96.2079, 0.3093, 0.3312



51.3439, 0.3163, 0.3550



20.9808, 0.3084, 0.3318



0.0000, 0.0000, 0.0000



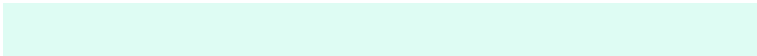
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2153, 0.3013, 0.3367



91.9532, 0.2993, 0.3382



49.7228, 0.2970, 0.3238



11.3755, 0.3023, 0.3360



26.5519, 0.2523, 0.4281



1.1589, 0.2453, 0.4032

Inverse Universe

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



45.0411, 0.3256, 0.3214



78.8863, 0.3283, 0.3200



46.3706, 0.3301, 0.3342



10.1263, 0.3243, 0.3221



7.7542, 0.5741, 0.2936



0.3475, 0.5087, 0.2576

Previews

White Background



This preview shows how the Yxy color 51.2131, 0.3013, 0.3367 looks on a white background.

Color Contrast Check

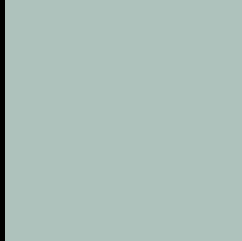
Large Text (above 18pt) WCAG AA × Fail

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 51.2131, 0.3013, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

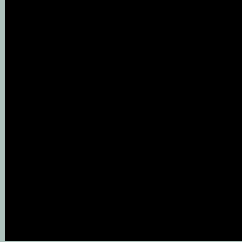
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

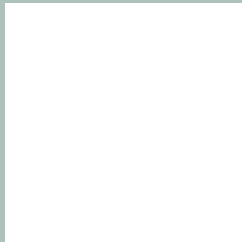
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2131, 0.3013, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 51.2131, 0.3013, 0.3367.



This preview shows how white text looks on a background with the Yxy color 51.2131, 0.3013, 0.3367.

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

51.2131, 0.3013, 0.3367

Protanopia

50.9386, 0.3200, 0.3328

Deuteranopia

50.8501, 0.3276, 0.3206



Tritanopia

51.0649, 0.2909, 0.3101

Trichromacy



Original Color

51.2131, 0.3013, 0.3367

Protanomaly

50.9369, 0.3133, 0.3341

Deuteranomaly

50.8169, 0.3178, 0.3265

Tritanomaly

51.0529, 0.2950, 0.3200

Monochromacy



Original Color

51.2131, 0.3013, 0.3367

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.3599, 0.3085, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2131, 0.3013, 0.3367 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(174, 194, 188)` looks like.

```
.text, #text, p{  
    color:rgb(174, 194, 188)  
}
```

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(174, 194, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 194, 188) }
```

Border

The CSS property to change the border of an element to Yxy 51.2131, 0.3013, 0.3367 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(174, 194, 188) }
```

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

```
.border{ border-color:rgb(174, 194, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 194, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 194, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 194, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 194,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2131, 0.3013, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 194, 188) }
```

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

```
.background{ background-color: rgb(174,  
194, 188) }
```

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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