

Converting Colors

$Yxy(51.1865, 0.3106, 0.3383)$

Have a look what the booklet for
Yxy(51.1865, 0.3106, 0.3383)
contains.

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Color

Yxy(51.2693, 0.3107, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B7C0B9
RGB	183, 192, 185
RGB Percent	72%, 75%, 73%
CMY	0.2822, 0.2471, 0.2745
CMYK	0.05, 0.00, 0.04, 0.25
HSL	133°, 7%, 74%
HSV	133°, 5%, 75%
XYZ	47.1423, 51.2693, 53.3176
YIQ	188.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

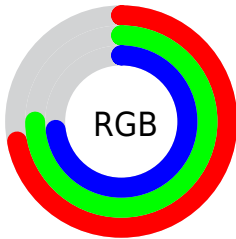
Format	Color
RYB	183, 190, 192
Decimal	12042425
CIELab	76.84, -4.39, 2.43
CIELCh	77, 5.022, 151.037
Yxy	51.2693, 0.3107, 0.3379
Android (android.graphics.Color)	4290232505 (0xFFB7C0B9)
YUV	188.5110, -1.7309, -4.8331
Hunter-Lab	71.6026, -7.7823, 5.9725

Details

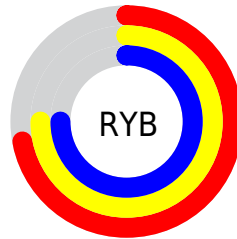
The Yxy color **51.2693, 0.3107, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8058, 0.3148, 0.3203**, and the grayscale version is **50.6110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8364, 0.3111, 0.3360**, and **24.8770, 0.3100, 0.3412** is the 20% darker color. If you saturate the color by 10%, you get **48.4760, 0.3063, 0.3588**, and if you desaturate by 10%, it is **54.4547, 0.3150, 0.3195**.

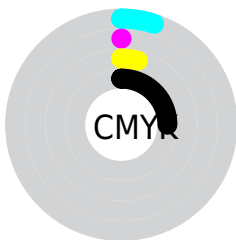
Distribution



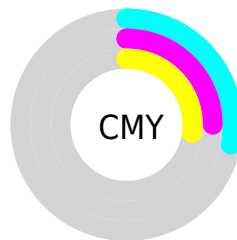
- Red (72%)
- Green (75%)
- Blue (73%)



- Red (72%)
- Yellow (75%)
- Blue (75%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (28%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2693, 0.3107, 0.3379 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 51.2693, 0.3107, 0.3379 by changing the saturation by 10% instead.

■ 51.2693, 0.3107,
0.3379

■ 51.2693, 0.3107,
0.3379

391.6092, 0.3117,
0.3335

■ 36.4230, 0.3104,
0.3390

■ 92.0527, 0.3111,
0.3363

■ 24.7610, 0.3101,
0.3404

118.7586, 0.3112,
0.3357

■ 15.8991, 0.3097,
0.3422

150.1865, 0.3113,
0.3352

■ 9.4528, 0.3091,
0.3448

186.7207, 0.3114,
0.3348

■ 5.0377, 0.3082,
0.3486

228.7457, 0.3115,
0.3344

■ 2.2694, 0.3067,
0.3547

276.6458, 0.3116,

■ 0.7574, 0.3026,


0.3341


0.3741

330.8055, 0.3117,
0.3338


 0.0000, 0.0000,
0.0000

 51.2693, 0.3107,
0.3379


 51.2693, 0.3107,
0.3379

 48.4760, 0.3063,
0.3588

 54.4547, 0.3150,
0.3195


 46.0531, 0.3020,
0.3823


 58.0396, 0.3191,
0.3034


 43.9870, 0.2980,
0.4082

 62.0397, 0.3231,
0.2893

 42.2606, 0.2944,
0.4361

 65.5396, 0.3230,
0.2766

 40.8552, 0.2916,
0.4652

 66.1764, 0.3156,
0.2673

■ 39.7507, 0.2898,
0.4945

■ 38.9242, 0.2893,
0.5224

■ 38.3498, 0.2902,
0.5473

■ 37.9962, 0.2923,
0.5678

Harmonies

Analogous

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



51.2693, 0.3175, 0.3407



51.2693, 0.3107, 0.3379



51.2693, 0.3045, 0.3327

Triad

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



51.2693, 0.3107, 0.3379



51.2693, 0.3024, 0.3179



51.2693, 0.3252, 0.3313

Complementary

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



51.2693, 0.3107, 0.3379



48.8058, 0.3148, 0.3203

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.



51.2693, 0.3210, 0.3253



51.2693, 0.3107, 0.3379



51.2693, 0.3078, 0.3177

Square

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



51.2693, 0.3107, 0.3379



51.2693, 0.2997, 0.3211



51.2693, 0.3146, 0.3204



51.2693, 0.3259, 0.3368

Rectangle

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



51.2693, 0.3107, 0.3379



51.2693, 0.3014, 0.3286



51.2693, 0.3146, 0.3204



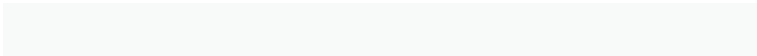
51.2693, 0.3241, 0.3293

Sweetspot

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



51.2715, 0.3107, 0.3379



94.9306, 0.3123, 0.3309



52.0707, 0.3179, 0.3403



20.3720, 0.3123, 0.3308



97.7402, 0.3127, 0.3290



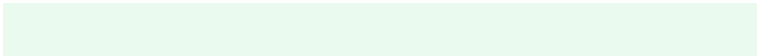
20.4902, 0.3127, 0.3290

Same Dimension

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



51.2715, 0.3107, 0.3379



92.1411, 0.3101, 0.3407



51.4620, 0.3074, 0.3322



11.4764, 0.3099, 0.3417



25.4919, 0.2930, 0.5748



1.1121, 0.2808, 0.5310

Inverse Universe

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



48.8058, 0.3148, 0.3203



86.3583, 0.3155, 0.3175



48.6145, 0.3183, 0.3258



10.7015, 0.3157, 0.3166



9.0255, 0.3853, 0.1896



0.3996, 0.3682, 0.1802

Previews

White Background



This preview shows how the Yxy color 51.2693, 0.3107, 0.3379 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 51.2693, 0.3107, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

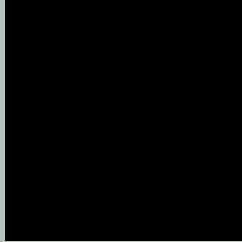
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

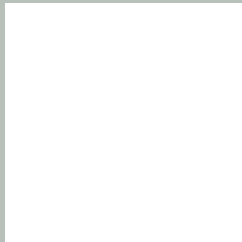
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2693, 0.3107, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 51.2693, 0.3107, 0.3379.



This preview shows how white text looks on a background with the Yxy color 51.2693, 0.3107, 0.3379.

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

51.2693, 0.3107, 0.3379

Protanopia

51.2834, 0.3215, 0.3365

Deuteranopia

51.0101, 0.3318, 0.3243



Tritanopia

51.1939, 0.2992, 0.3104

Trichromacy



Original Color

51.2693, 0.3107, 0.3379

Protanomaly

51.2348, 0.3173, 0.3366

Deuteranomaly

50.9423, 0.3245, 0.3290

Tritanomaly

51.1724, 0.3035, 0.3202

Monochromacy



Original Color

51.2693, 0.3107, 0.3379

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0225, 0.3118, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2693, 0.3107, 0.3379 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(183, 192, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 192, 185)  
}
```

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(183, 192, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 192, 185) }
```

Border

The CSS property to change the border of an element to Yxy 51.2693, 0.3107, 0.3379 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(183, 192, 185) }
```

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

```
.border{ border-color:rgb(183, 192, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 192, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 192, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 192, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 192,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2693, 0.3107, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 192, 185) }
```

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

```
.background{ background-color: rgb(183,  
192, 185) }
```

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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