

Converting Colors

$Y_{xy}(53.2120, 0.3113, 0.3357)$

Have a look what the booklet for
Yxy(53.2120, 0.3113, 0.3357)
contains.

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Color

Yxy(53.3957, 0.3116, 0.3365)

Conversions

Conversions Part 1

Format	Color
Hex	BCC3BD
RGB	188, 195, 189
RGB Percent	74%, 76%, 74%
CMY	0.2626, 0.2353, 0.2589
CMYK	0.04, 0.00, 0.03, 0.24
HSL	128°, 5%, 75%
HSV	128°, 4%, 76%
XYZ	49.4446, 53.3957, 55.8394
YIQ	192.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

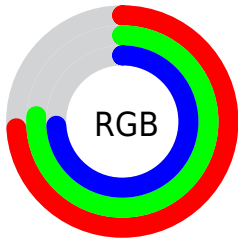
Format	Color
RYB	188, 194, 195
Decimal	12370877
CIELab	78.11, -3.51, 2.17
CIELCh	78, 4.126, 148.305
Yxy	53.3957, 0.3116, 0.3365
Android (android.graphics.Color)	4290560957 (0xFFBCC3BD)
YUV	192.2230, -1.5889, -3.7036
Hunter-Lab	73.0724, -7.0942, 5.8433

Details

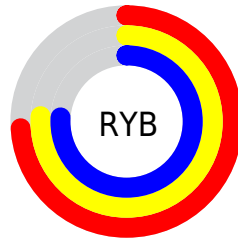
The Yxy color **53.3957, 0.3116, 0.3365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4791, 0.3139, 0.3216**, and the grayscale version is **52.8633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4465, 0.3118, 0.3359**, and **25.9782, 0.3112, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **50.3975, 0.3084, 0.3595**, and if you desaturate by 10%, it is **56.8177, 0.3147, 0.3164**.

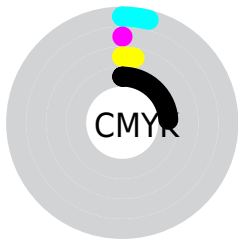
Distribution



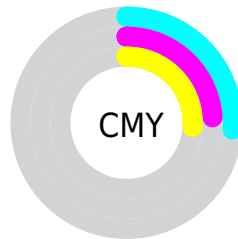
- Red (74%)
- Green (76%)
- Blue (74%)



- Red (74%)
- Yellow (76%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (3%)
- Black (24%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3957, 0.3116, 0.3365 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 53.3957, 0.3116, 0.3365 by changing the saturation by 10% instead.


 53.3957, 0.3116,
0.3365

 53.3957, 0.3116,
0.3365

399.8014, 0.3122,
0.3328

 38.1187, 0.3115,
0.3374

 95.1864, 0.3118,
0.3352

 26.0749, 0.3113,
0.3385

122.4689, 0.3119,
0.3347

 16.8797, 0.3110,
0.3401


154.5221, 0.3119,
0.3343

 10.1487, 0.3107,
0.3421

191.7303, 0.3120,
0.3339

 5.4977, 0.3102,
0.3452

234.4779, 0.3120,
0.3336

 2.5421, 0.3094,
0.3500

283.1494, 0.3121,

 0.8977, 0.3081,

0.3333

0.3604

338.1291, 0.3121,
0.3330

0.0000, 0.0000,
0.0000

53.3957, 0.3116,
0.3365

53.3957, 0.3116,
0.3365

50.3975, 0.3084,
0.3595

56.8177, 0.3147,
0.3164

47.8001, 0.3052,
0.3853

60.6721, 0.3176,
0.2989

45.5886, 0.3021,
0.4138

64.9756, 0.3203,
0.2837

43.7444, 0.2992,
0.4445

67.5086, 0.3155,
0.2703

42.2474, 0.2969,
0.4764

■ 41.0758, 0.2953,
0.5078

■ 40.2051, 0.2946,
0.5370

■ 39.6071, 0.2949,
0.5619

■ 39.2484, 0.2962,
0.5807

Harmonies

Analogous

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



53.3957, 0.3171, 0.3385



53.3957, 0.3116, 0.3365



53.3957, 0.3064, 0.3324

Triad

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



53.3957, 0.3116, 0.3365



53.3957, 0.3040, 0.3201



53.3957, 0.3226, 0.3305

Complementary

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



53.3957, 0.3116, 0.3365



51.4791, 0.3139, 0.3216

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.



53.3957, 0.3190, 0.3256



53.3957, 0.3116, 0.3365



53.3957, 0.3083, 0.3197

Square

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



53.3957, 0.3116, 0.3365



53.3957, 0.3021, 0.3230



53.3957, 0.3138, 0.3217



53.3957, 0.3235, 0.3350

Rectangle

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



53.3957, 0.3116, 0.3365



53.3957, 0.3039, 0.3291



53.3957, 0.3138, 0.3217



53.3957, 0.3217, 0.3288

Sweetspot

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



53.3980, 0.3116, 0.3365



97.1333, 0.3124, 0.3311



54.1392, 0.3172, 0.3376



21.2777, 0.3124, 0.3310



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.



53.3980, 0.3116, 0.3365



95.3594, 0.3114, 0.3376



53.5497, 0.3091, 0.3322



11.5945, 0.3112, 0.3389



25.4260, 0.2966, 0.5878



1.1061, 0.2875, 0.5548

Inverse Universe

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



51.4791, 0.3139, 0.3216



91.4624, 0.3140, 0.3206



51.3258, 0.3165, 0.3259



11.0485, 0.3142, 0.3193



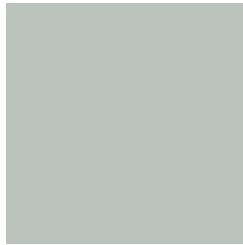
9.3911, 0.3586, 0.1749



0.4125, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 53.3957, 0.3116, 0.3365 looks on a white background.

Color Contrast Check

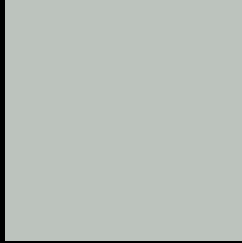
Large Text (above 18pt) WCAG AA × Fail

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 53.3957, 0.3116, 0.3365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

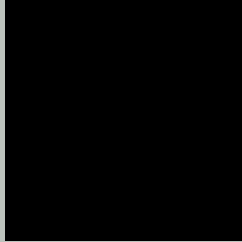
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

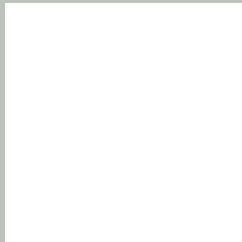
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.3957, 0.3116, 0.3365

Background



This preview shows how black text looks on a background with the Yxy color 53.3957, 0.3116, 0.3365.



This preview shows how white text looks on a background with the Yxy color 53.3957, 0.3116, 0.3365.

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

53.3957, 0.3116, 0.3365

Protanopia

53.2929, 0.3214, 0.3352

Deuteranopia

53.2993, 0.3306, 0.3243



Tritanopia

53.2806, 0.3009, 0.3107

Trichromacy



Original Color

53.3957, 0.3116, 0.3365

Protanomaly

53.2401, 0.3173, 0.3352

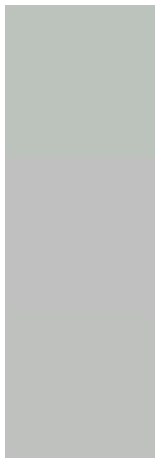
Deuteranomaly

53.2411, 0.3234, 0.3290

Tritanomaly

53.2572, 0.3052, 0.3204

Monochromacy



Original Color

53.3957, 0.3116, 0.3365

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9779, 0.3126, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3957, 0.3116, 0.3365 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(188, 195, 189)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 189)  
}
```

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(188, 195, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 189) }
```

Border

The CSS property to change the border of an element to Yxy 53.3957, 0.3116, 0.3365 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(188, 195, 189) }
```

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

```
.border{ border-color:rgb(188, 195, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 195, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 195, 189); box-shadow:4px 4px 4px 4px rgb(188, 195, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3957, 0.3116, 0.3365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 189) }
```

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

```
.background{ background-color: rgb(188,  
195, 189) }
```

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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