

Converting Colors

$Yxy(53.3217, 0.3118, 0.3305)$

Have a look what the booklet for
Yxy(53.3217, 0.3118, 0.3305)
contains.

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Color

Yxy(53.4657, 0.3118, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	BFC2C0
RGB	191, 194, 192
RGB Percent	75%, 76%, 75%
CMY	0.2510, 0.2392, 0.2471
CMYK	0.02, 0.00, 0.01, 0.24
HSL	140°, 2%, 75%
HSV	140°, 2%, 76%
XYZ	50.2884, 53.4657, 57.5301
YIQ	192.8750, -1.1460, -1.2580

Conversions

Conversions Part 2

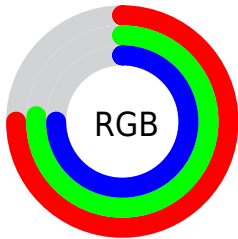
Format	Color
RYB	191, 193, 194
Decimal	12567232
CIELab	78.15, -1.41, 0.64
CIELCh	78, 1.551, 155.666
Yxy	53.4657, 0.3118, 0.3315
Android (android.graphics.Color)	4290757312 (0xFFBFC2C0)
YUV	192.8750, -0.4314, -1.6444
Hunter-Lab	73.1202, -5.1972, 4.5356

Details

The Yxy color **53.4657, 0.3118, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5781, 0.3136, 0.3265**, and the grayscale version is **53.2540, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9227, 0.3120, 0.3309**, and **26.0235, 0.3116, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **50.5665, 0.3059, 0.3488**, and if you desaturate by 10%, it is **56.7536, 0.3176, 0.3163**.

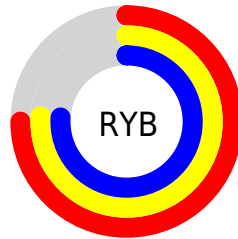
Distribution



Red (75%)

Green (76%)

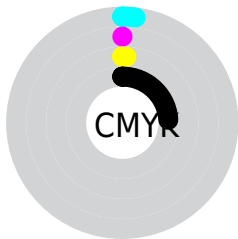
Blue (75%)



Red (75%)

Yellow (76%)

Blue (76%)

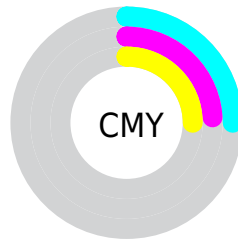


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (25%)

Magenta (24%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4657, 0.3118, 0.3315 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 53.4657, 0.3118, 0.3315 by changing the saturation by 10% instead.

■ 53.4657, 0.3118,
0.3315

■ 53.4657, 0.3118,
0.3315

400.0693, 0.3123,
0.3303

■ 38.1747, 0.3117,
0.3318

■ 95.2893, 0.3120,
0.3311

■ 26.1183, 0.3115,
0.3322

122.5906, 0.3120,
0.3309

■ 16.9121, 0.3114,
0.3327

154.6642, 0.3121,
0.3308

■ 10.1719, 0.3111,
0.3333

191.8944, 0.3121,
0.3306

■ 5.5131, 0.3107,
0.3343

234.6656, 0.3122,
0.3305

■ 2.5513, 0.3102,
0.3359

283.3622, 0.3122,

■ 0.9023, 0.3091,

0.3304

0.3388

338.3686, 0.3122,
0.3304

0.0000, 0.0000,
0.0000

53.4657, 0.3118,
0.3315

53.4657, 0.3118,
0.3315

50.5665, 0.3059,
0.3488

56.7536, 0.3176,
0.3163

48.0346, 0.3001,
0.3681

60.4367, 0.3233,
0.3029

45.8573, 0.2947,
0.3896

64.5303, 0.3288,
0.2912

44.0182, 0.2898,
0.4130

66.3768, 0.3235,
0.2794

42.4998, 0.2858,
0.4378

67.0679, 0.3155,
0.2693

■ 41.2827, 0.2830,
0.4636

■ 40.3457, 0.2817,
0.4893

■ 39.6645, 0.2821,
0.5138

■ 39.2103, 0.2842,
0.5361

Harmonies

Analogous

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



53.4657, 0.3139, 0.3325



53.4657, 0.3118, 0.3315



53.4657, 0.3100, 0.3299

Triad

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



53.4657, 0.3118, 0.3315



53.4657, 0.3098, 0.3255



53.4657, 0.3166, 0.3300

Complementary

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



53.4657, 0.3118, 0.3315



52.5781, 0.3136, 0.3265

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.



53.4657, 0.3155, 0.3282



53.4657, 0.3118, 0.3315



53.4657, 0.3115, 0.3256

Square

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



53.4657, 0.3118, 0.3315



53.4657, 0.3088, 0.3264



53.4657, 0.3136, 0.3266



53.4657, 0.3167, 0.3316

Rectangle

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



53.4657, 0.3118, 0.3315



53.4657, 0.3091, 0.3286



53.4657, 0.3136, 0.3266



53.4657, 0.3163, 0.3294

Sweetspot

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



53.4680, 0.3118, 0.3315



97.7402, 0.3127, 0.3290



53.6934, 0.3142, 0.3327



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



53.4680, 0.3118, 0.3315



96.5948, 0.3115, 0.3323



53.5334, 0.3107, 0.3297



11.7990, 0.3116, 0.3320



25.6253, 0.2862, 0.5502



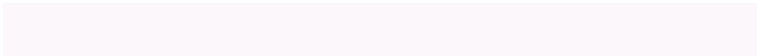
1.1201, 0.2730, 0.5028

Inverse Universe

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



52.5781, 0.3136, 0.3265



94.4979, 0.3139, 0.3257



52.5128, 0.3148, 0.3283



11.5628, 0.3138, 0.3260



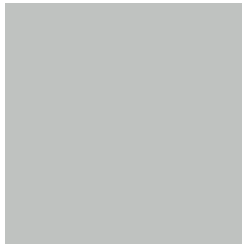
8.6145, 0.4249, 0.2114



0.3845, 0.3962, 0.1956

Previews

White Background



This preview shows how the Yxy color 53.4657, 0.3118, 0.3315 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 53.4657, 0.3118, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

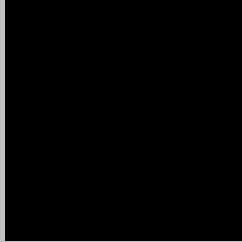
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

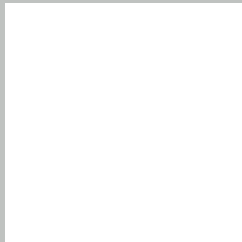
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.4657, 0.3118, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 53.4657, 0.3118, 0.3315.



This preview shows how white text looks on a background with the Yxy color 53.4657, 0.3118, 0.3315.

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

53.4657, 0.3118, 0.3315

Protanopia

53.3312, 0.3175, 0.3302

Deuteranopia

53.2398, 0.3281, 0.3219



Tritanopia

53.5417, 0.3025, 0.3108

Trichromacy



Original Color

53.4657, 0.3118, 0.3315

Protanomaly

53.5036, 0.3158, 0.3315

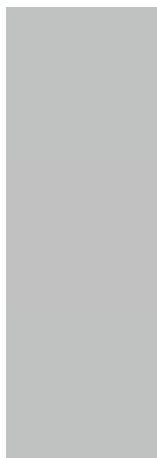
Deuteranomaly

53.5145, 0.3219, 0.3254

Tritanomaly

53.6107, 0.3053, 0.3180

Monochromacy



Original Color

53.4657, 0.3118, 0.3315

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1967, 0.3119, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4657, 0.3118, 0.3315 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(191, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 194, 192)  
}
```

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(191, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 194, 192) }
```

Border

The CSS property to change the border of an element to Yxy 53.4657, 0.3118, 0.3315 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(191, 194, 192) }
```

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

```
.border{ border-color:rgb(191, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 194,  
192) }
```

Background

The CSS property to change the background color of an element to Yxy 53.4657, 0.3118, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 194, 192) }
```

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

```
.background{ background-color: rgb(191,  
194, 192) }
```

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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