

Converting Colors

$Yxy(53.3477, 0.3106, 0.3387)$

Have a look what the booklet for
Yxy(53.3477, 0.3106, 0.3387)
contains.

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Color

Yxy(53.5498, 0.3107, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	BAC4BC
RGB	186, 196, 188
RGB Percent	73%, 77%, 74%
CMY	0.2703, 0.2314, 0.2627
CMYK	0.05, 0.00, 0.04, 0.23
HSL	132°, 8%, 75%
HSV	132°, 5%, 77%
XYZ	49.0794, 53.5498, 55.3348
YIQ	192.0980, -3.3920, -4.6080

Conversions

Conversions Part 2

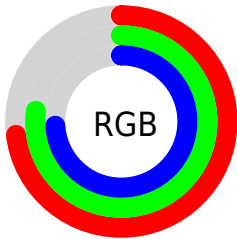
Format	Color
RYB	186, 194, 196
Decimal	12240060
CIELab	78.20, -4.89, 2.81
CIElCh	78, 5.641, 150.154
Yxy	53.5498, 0.3107, 0.3390
Android (android.graphics.Color)	4290430140 (0xFFBAC4BC)
YUV	192.0980, -2.0203, -5.3479
Hunter-Lab	73.1777, -8.3432, 6.3911

Details

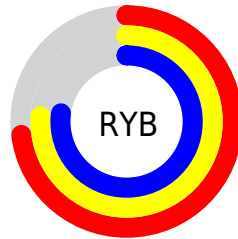
The Yxy color **53.5498, 0.3107, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7754, 0.3148, 0.3192**, and the grayscale version is **52.7930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6595, 0.3111, 0.3378**, and **26.0818, 0.3100, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **50.6199, 0.3067, 0.3607**, and if you desaturate by 10%, it is **56.8951, 0.3147, 0.3199**.

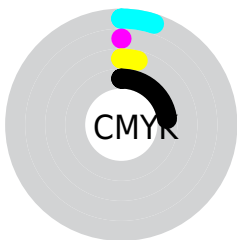
Distribution



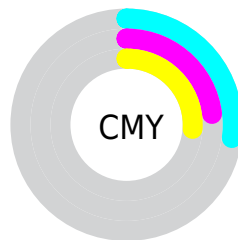
- Red (73%)
- Green (77%)
- Blue (74%)



- Red (73%)
- Yellow (76%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (23%)



- Cyan (27%)
- Magenta (23%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5498, 0.3107, 0.3390 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 53.5498, 0.3107, 0.3390 by changing the saturation by 10% instead.

■ 53.5498, 0.3107,
0.3390

■ 53.5498, 0.3107,
0.3390

400.3909, 0.3117,
0.3341

■ 38.2419, 0.3105,
0.3402

■ 95.4129, 0.3111,
0.3372

■ 26.1705, 0.3101,
0.3417

122.7369, 0.3112,
0.3366

■ 16.9512, 0.3097,
0.3438

154.8349, 0.3113,
0.3360

■ 10.1997, 0.3091,
0.3465

192.0915, 0.3114,
0.3355

■ 5.5316, 0.3082,
0.3506

234.8910, 0.3115,
0.3351

■ 2.5624, 0.3068,
0.3572

283.6178, 0.3116,

■ 0.9078, 0.3042,

0.3347

0.3716

338.6563, 0.3116,
0.3344

0.0000, 0.0000,
0.0000

53.5498, 0.3107,
0.3390

53.5498, 0.3107,
0.3390

50.6199, 0.3067,
0.3607

56.8951, 0.3147,
0.3199

48.0825, 0.3027,
0.3851

60.6639, 0.3184,
0.3032

45.9228, 0.2989,
0.4120

64.8730, 0.3220,
0.2887

44.1227, 0.2956,
0.4409

67.6976, 0.3183,
0.2749

42.6622, 0.2930,
0.4709

67.9534, 0.3154,
0.2712

■ 41.5197, 0.2914,
0.5008

■ 40.6707, 0.2909,
0.5290

■ 40.0872, 0.2917,
0.5537

■ 39.7357, 0.2937,
0.5733

Harmonies

Analogous

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



53.5498, 0.3183, 0.3420



53.5498, 0.3107, 0.3390



53.5498, 0.3037, 0.3333

Triad

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



53.5498, 0.3107, 0.3390



53.5498, 0.3011, 0.3168



53.5498, 0.3264, 0.3313

Complementary

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



53.5498, 0.3107, 0.3390



50.7754, 0.3148, 0.3192

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.



53.5498, 0.3217, 0.3248



53.5498, 0.3107, 0.3390



53.5498, 0.3071, 0.3164

Square

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



53.5498, 0.3107, 0.3390



53.5498, 0.2983, 0.3204



53.5498, 0.3146, 0.3193



53.5498, 0.3274, 0.3374

Rectangle

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



53.5498, 0.3107, 0.3390



53.5498, 0.3004, 0.3287



53.5498, 0.3146, 0.3193



53.5498, 0.3252, 0.3291

Sweetspot

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



53.5521, 0.3107, 0.3390



98.7845, 0.3119, 0.3329



54.5127, 0.3186, 0.3413



21.1567, 0.3120, 0.3327



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.



53.5521, 0.3107, 0.3390



96.4464, 0.3103, 0.3411



53.7638, 0.3072, 0.3329



11.4736, 0.3101, 0.3421



25.4697, 0.2942, 0.5791



1.1104, 0.2827, 0.5377

Inverse Universe

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



50.7754, 0.3148, 0.3192



90.4313, 0.3152, 0.3172



50.5619, 0.3186, 0.3251



10.7045, 0.3154, 0.3163



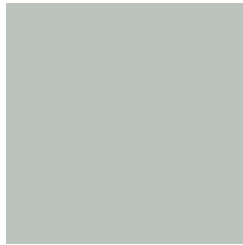
9.1269, 0.3772, 0.1852



0.4032, 0.3625, 0.1770

Previews

White Background



This preview shows how the Yxy color 53.5498, 0.3107, 0.3390 looks on a white background.

Color Contrast Check

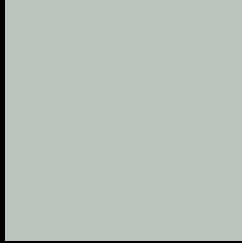
Large Text (above 18pt) WCAG AA × Fail

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 53.5498, 0.3107, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

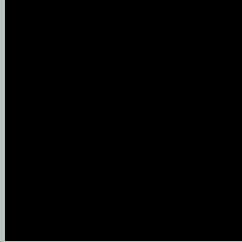
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

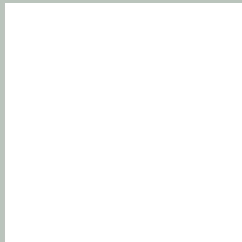
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5498, 0.3107, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 53.5498, 0.3107, 0.3390.



This preview shows how white text looks on a background with the Yxy color 53.5498, 0.3107, 0.3390.

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

53.5498, 0.3107, 0.3390

Protanopia

53.2502, 0.3222, 0.3364

Deuteranopia

53.4045, 0.3322, 0.3255



Tritanopia

53.5128, 0.2986, 0.3107

Trichromacy



Original Color

53.5498, 0.3107, 0.3390

Protanomaly

53.1971, 0.3180, 0.3364

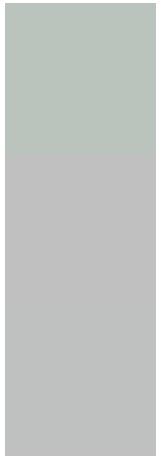
Deuteranomaly

53.1975, 0.3242, 0.3302

Tritanomaly

53.4920, 0.3029, 0.3203

Monochromacy



Original Color

53.5498, 0.3107, 0.3390

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8487, 0.3118, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5498, 0.3107, 0.3390 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(186, 196, 188)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 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(186, 196, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 188) }
```

Border

The CSS property to change the border of an element to Yxy 53.5498, 0.3107, 0.3390 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(186, 196, 188) }
```

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

```
.border{ border-color:rgb(186, 196, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 196, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 196, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 196, 188);  
box-shadow:4px 4px 4px 4px rgb(186, 196,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5498, 0.3107, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 188) }
```

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

```
.background{ background-color: rgb(186,  
196, 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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