

Converting Colors

Yxy(53.4668, 0.3115, 0.3498)

Have a look what the booklet for
Yxy(53.4668, 0.3115, 0.3498)
contains.

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Color

Yxy(53.5481, 0.3117, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	B5C6B5
RGB	181, 198, 181
RGB Percent	71%, 78%, 71%
CMY	0.2901, 0.2235, 0.2902
CMYK	0.09, 0.00, 0.09, 0.22
HSL	120°, 13%, 74%
HSV	120°, 9%, 78%
XYZ	47.5932, 53.5481, 51.5479
YIQ	190.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

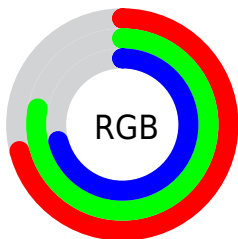
Format	Color
RYB	181, 198, 198
Decimal	11912885
CIELab	78.20, -8.98, 6.53
CIELCh	78, 11.105, 143.962
Yxy	53.5481, 0.3117, 0.3507
Android (android.graphics.Color)	4290102965 (0xFFB5C6B5)
YUV	190.9790, -4.9196, -8.7516
Hunter-Lab	73.1766, -11.9646, 9.4579

Details

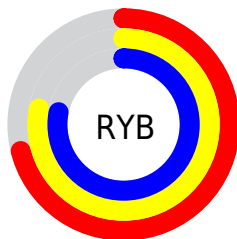
The Yxy color **53.5481, 0.3117, 0.3507** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1345, 0.3137, 0.3082**, and the grayscale version is **52.1211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6389, 0.3119, 0.3469**, and **26.0942, 0.3114, 0.3568** is the 20% darker color. If you saturate the color by 10%, you get **50.5686, 0.3104, 0.3792**, and if you desaturate by 10%, it is **56.9878, 0.3129, 0.3257**.

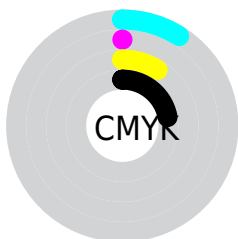
Distribution



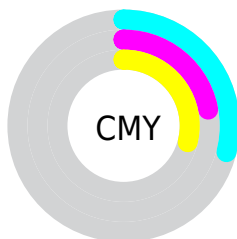
- Red (71%)
- Green (78%)
- Blue (71%)



- Red (71%)
- Yellow (78%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5481, 0.3117, 0.3507 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 53.5481, 0.3117, 0.3507 by changing the saturation by 10% instead.


 53.5481, 0.3117,
0.3507

 53.5481, 0.3117,
0.3507

400.3844, 0.3123,
0.3400

 38.2405, 0.3115,
0.3534


 95.4104, 0.3119,
0.3468

 26.1694, 0.3113,
0.3568


122.7339, 0.3120,
0.3453

 16.9504, 0.3110,
0.3613


154.8315, 0.3121,
0.3441

 10.1991, 0.3105,
0.3675

192.0875, 0.3121,
0.3430

 5.5312, 0.3098,
0.3767

234.8865, 0.3122,
0.3421

 2.5622, 0.3084,
0.3917

283.6127, 0.3122,


 0.9077, 0.3089,


0.3413


0.4359


338.6505, 0.3122,
0.3406


 0.0000, 0.0000,
0.0000

 53.5481, 0.3117,
0.3507

 53.5481, 0.3117,
0.3507

 50.5686, 0.3104,
0.3792


 56.9878, 0.3129,
0.3257


 48.0233, 0.3089,
0.4110


 60.8987, 0.3139,
0.3039

 45.8940, 0.3073,
0.4455

 65.3002, 0.3148,
0.2853

 44.1586, 0.3056,
0.4812

 68.8686, 0.3153,
0.2732

 42.7929, 0.3039,
0.5161

■ 41.7702, 0.3025,
0.5476

■ 41.0601, 0.3013,
0.5729

■ 40.6267, 0.3005,
0.5900

■ 40.4130, 0.3001,
0.5990

Harmonies

Analogous

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



53.5481, 0.3264, 0.3551



53.5481, 0.3117, 0.3507



53.5481, 0.2976, 0.3401

Triad

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



53.5481, 0.3117, 0.3507



53.5481, 0.2883, 0.3059



53.5481, 0.3385, 0.3307

Complementary

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



53.5481, 0.3117, 0.3507



49.1345, 0.3137, 0.3082

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.



53.5481, 0.3278, 0.3182



53.5481, 0.3117, 0.3507



53.5481, 0.2988, 0.3041

Square

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



53.5481, 0.3117, 0.3507



53.5481, 0.2843, 0.3140



53.5481, 0.3132, 0.3086



53.5481, 0.3420, 0.3430

Rectangle

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



53.5481, 0.3117, 0.3507



53.5481, 0.2903, 0.3311



53.5481, 0.3132, 0.3086



53.5481, 0.3356, 0.3264

Sweetspot

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



53.5504, 0.3117, 0.3507



98.0951, 0.3124, 0.3364



55.6017, 0.3254, 0.3495



20.8902, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



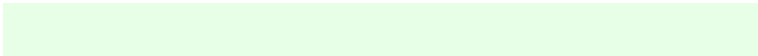
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5504, 0.3117, 0.3507



93.9461, 0.3115, 0.3549



53.8973, 0.3058, 0.3401



11.8880, 0.3116, 0.3529



26.2656, 0.3000, 0.6000



1.2437, 0.3000, 0.6000

Inverse Universe

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



49.1345, 0.3137, 0.3082



84.7950, 0.3139, 0.3044



48.7660, 0.3203, 0.3182



10.8166, 0.3138, 0.3062



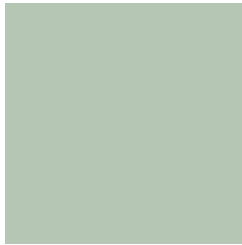
10.4566, 0.3209, 0.1541



0.4951, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 53.5481, 0.3117, 0.3507 looks on a white background.

Color Contrast Check

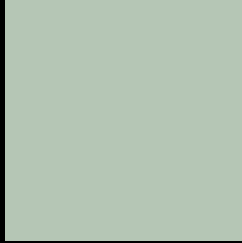
Large Text (above 18pt) WCAG AA × Fail

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 53.5481, 0.3117, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

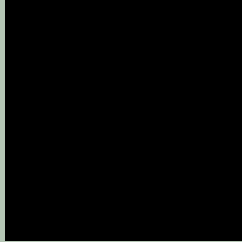
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

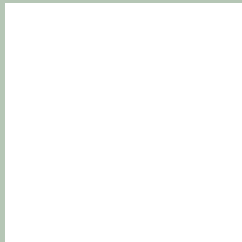
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5481, 0.3117, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 53.5481, 0.3117, 0.3507.



This preview shows how white text looks on a background with the Yxy color 53.5481, 0.3117, 0.3507.

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

53.5481, 0.3117, 0.3507

Protanopia

53.1930, 0.3301, 0.3463

Deuteranopia

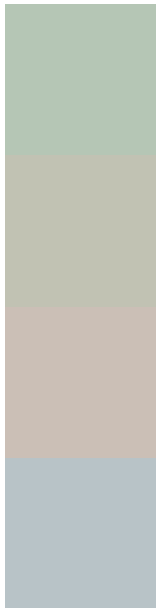
53.4066, 0.3397, 0.3338



Tritanopia

53.6261, 0.2957, 0.3106

Trichromacy



Original Color

53.5481, 0.3117, 0.3507

Protanomaly

53.1757, 0.3232, 0.3478

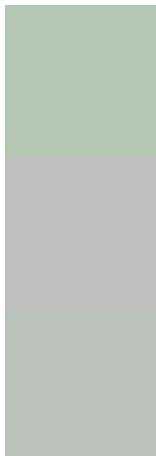
Deuteranomaly

53.3355, 0.3296, 0.3400

Tritanomaly

53.3441, 0.3012, 0.3240

Monochromacy



Original Color

53.5481, 0.3117, 0.3507

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.7362, 0.3123, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5481, 0.3117, 0.3507 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(181, 198, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 181)  
}
```

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(181, 198, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.5481, 0.3117, 0.3507 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(181, 198, 181) }
```

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

```
.border{ border-color:rgb(181, 198, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 198, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5481, 0.3117, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 181) }
```

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

```
.background{ background-color: rgb(181,  
198, 181) }
```

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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