

Converting Colors

Yxy(53.5830, 0.3149, 0.3493)

Have a look what the booklet for
Yxy(53.5830, 0.3149, 0.3493)
contains.

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Color

Yxy(53.5830, 0.3149, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	B9C5B5
RGB	185, 197, 181
RGB Percent	73%, 77%, 71%
CMY	0.2747, 0.2274, 0.2902
CMYK	0.06, 0.00, 0.08, 0.23
HSL	105°, 12%, 74%
HSV	105°, 8%, 77%
XYZ	48.3060, 53.5830, 51.5121
YIQ	191.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

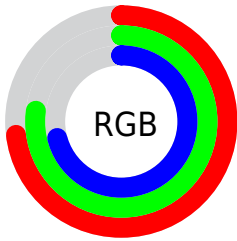
Format	Color
RYB	181, 197, 193
Decimal	12174773
CIELab	78.22, -7.10, 6.60
CIELCh	78, 9.693, 137.052
Yxy	53.5830, 0.3149, 0.3493
Android (android.graphics.Color)	4290364853 (0xFFB9C5B5)
YUV	191.5880, -5.2199, -5.7777
Hunter-Lab	73.2004, -10.3060, 9.5171

Details

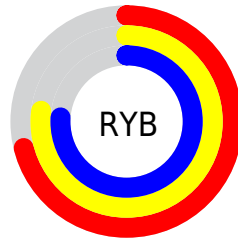
The Yxy color **53.5830, 0.3149, 0.3493** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4257, 0.3103, 0.3091**, and the grayscale version is **52.4888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6988, 0.3144, 0.3458**, and **26.1090, 0.3158, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **51.0833, 0.3174, 0.3768**, and if you desaturate by 10%, it is **56.3942, 0.3122, 0.3246**.

Distribution



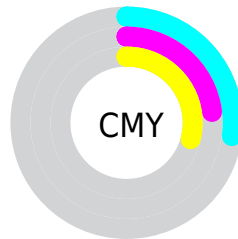
- Red (73%)
- Green (77%)
- Blue (71%)



- Red (71%)
- Yellow (77%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)





- Cyan (27%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5830, 0.3149, 0.3493 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 53.5830, 0.3149, 0.3493 by changing the saturation by 10% instead.


 53.5830, 0.3149,
0.3493

 53.5830, 0.3149,
0.3493

400.5179, 0.3139,
0.3393

 38.2684, 0.3151,
0.3518


 95.4617, 0.3146,
0.3457

 26.1911, 0.3154,
0.3549


122.7946, 0.3144,
0.3443

 16.9666, 0.3157,
0.3591


154.9023, 0.3143,
0.3432

 10.2107, 0.3162,
0.3649

192.1693, 0.3142,
0.3422

 5.5389, 0.3168,
0.3734

234.9800, 0.3141,
0.3413

 2.5668, 0.3175,
0.3872

283.7187, 0.3140,


 0.9100, 0.3246,


0.3405


0.4272


338.7699, 0.3140,
0.3399

 0.0000, 0.0000,
0.0000


 53.5830, 0.3149,
0.3493


 53.5830, 0.3149,
0.3493


 51.0833, 0.3174,
0.3768


 56.3942, 0.3122,
0.3246


 48.8776, 0.3196,
0.4069


 59.5202, 0.3095,
0.3027


 46.9569, 0.3213,
0.4390

 62.9729, 0.3068,
0.2834

 45.3092, 0.3222,
0.4721

 66.4480, 0.3075,
0.2708

 43.9216, 0.3221,
0.5046

 68.4204, 0.3154,
0.2722

■ 42.7800, 0.3208,
0.5345

■ 41.8689, 0.3183,
0.5598

■ 41.1710, 0.3147,
0.5786

■ 40.6632, 0.3104,
0.5905

Harmonies

Analogous

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



53.5830, 0.3273, 0.3517



53.5830, 0.3149, 0.3493



53.5830, 0.3021, 0.3411

Triad

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



53.5830, 0.3149, 0.3493



53.5830, 0.2900, 0.3100



53.5830, 0.3335, 0.3279

Complementary

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



53.5830, 0.3149, 0.3493



48.4257, 0.3103, 0.3091

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.



53.5830, 0.3231, 0.3173



53.5830, 0.3149, 0.3493



53.5830, 0.2980, 0.3071

Square

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



53.5830, 0.3149, 0.3493



53.5830, 0.2879, 0.3182



53.5830, 0.3101, 0.3098



53.5830, 0.3382, 0.3390

Rectangle

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



53.5830, 0.3149, 0.3493



53.5830, 0.2951, 0.3336



53.5830, 0.3101, 0.3098



53.5830, 0.3305, 0.3242

Sweetspot

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



53.5853, 0.3149, 0.3493



98.9547, 0.3133, 0.3339



53.3546, 0.3251, 0.3439



21.1913, 0.3132, 0.3337



0.0000, 0.0000, 0.0000



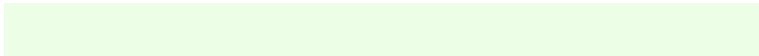
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5853, 0.3149, 0.3493



95.0031, 0.3154, 0.3546



53.2672, 0.3088, 0.3443



12.0122, 0.3152, 0.3526



26.7225, 0.3104, 0.5917



1.3005, 0.3261, 0.5793

Inverse Universe

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



48.4257, 0.3103, 0.3091



83.6211, 0.3097, 0.3040



48.7715, 0.3168, 0.3142



10.6797, 0.3099, 0.3060



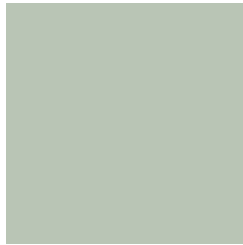
6.8555, 0.2597, 0.1204



0.3570, 0.2731, 0.1278

Previews

White Background



This preview shows how the Yxy color 53.5830, 0.3149, 0.3493 looks on a white background.

Color Contrast Check

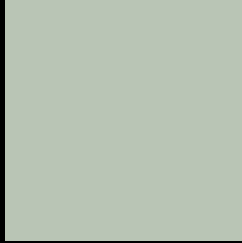
Large Text (above 18pt) WCAG AA × Fail

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 53.5830, 0.3149, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

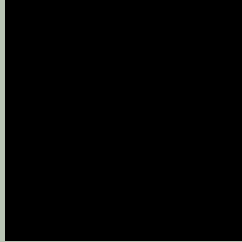
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

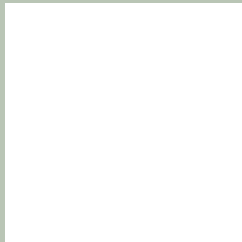
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5830, 0.3149, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 53.5830, 0.3149, 0.3493.



This preview shows how white text looks on a background with the Yxy color 53.5830, 0.3149, 0.3493.

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

53.5830, 0.3149, 0.3493

Protanopia

53.6740, 0.3292, 0.3462

Deuteranopia

53.5585, 0.3405, 0.3338



Tritanopia

53.5128, 0.2986, 0.3107

Trichromacy



Original Color

53.5830, 0.3149, 0.3493

Protanomaly

53.4810, 0.3241, 0.3464

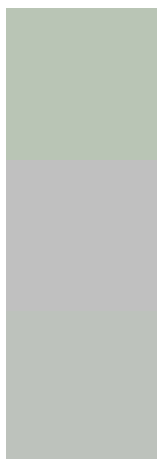
Deuteranomaly

53.6181, 0.3313, 0.3400

Tritanomaly

53.3522, 0.3050, 0.3240

Monochromacy



Original Color

53.5830, 0.3149, 0.3493

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0332, 0.3132, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5830, 0.3149, 0.3493 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(185, 197, 181)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 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(185, 197, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.5830, 0.3149, 0.3493 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(185, 197, 181) }
```

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

```
.border{ border-color:rgb(185, 197, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 197, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 181);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5830, 0.3149, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 197, 181) }
```

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

```
.background{ background-color: rgb(185,  
197, 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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