

Converting Colors

$Yxy(53.5835, 0.3119, 0.3455)$

Have a look what the booklet for
Yxy(53.5835, 0.3119, 0.3455)
contains.

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Color

Yxy(53.5835, 0.3119, 0.3455)

Conversions

Conversions Part 1

Format	Color
Hex	B8C5B8
RGB	184, 197, 184
RGB Percent	72%, 77%, 72%
CMY	0.2787, 0.2274, 0.2785
CMYK	0.07, 0.00, 0.07, 0.23
HSL	120°, 10%, 75%
HSV	120°, 7%, 77%
XYZ	48.3725, 53.5835, 53.1337
YIQ	191.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

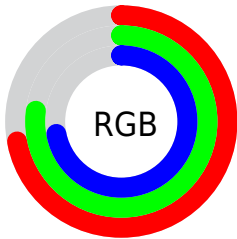
Format	Color
RYB	184, 197, 197
Decimal	12109240
CIELab	78.22, -6.91, 4.99
CIELCh	78, 8.524, 144.199
Yxy	53.5835, 0.3119, 0.3455
Android (android.graphics.Color)	4290299320 (0xFFB8C5B8)
YUV	191.6310, -3.7621, -6.6924
Hunter-Lab	73.2008, -10.1450, 8.2041

Details

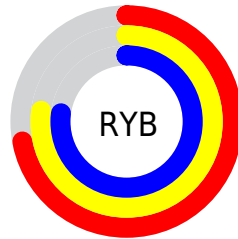
The Yxy color **53.5835, 0.3119, 0.3455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.1577, 0.3135, 0.3130**, and the grayscale version is **52.5051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7002, 0.3121, 0.3429**, and **26.1089, 0.3117, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **50.5541, 0.3105, 0.3732**, and if you desaturate by 10%, it is **57.0704, 0.3131, 0.3212**.

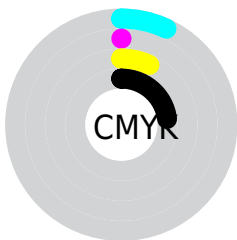
Distribution



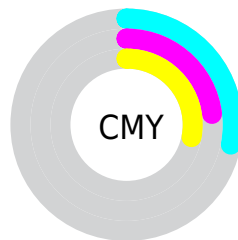
- Red (72%)
- Green (77%)
- Blue (72%)



- Red (72%)
- Yellow (77%)
- Blue (77%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)





- Cyan (28%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5835, 0.3119, 0.3455 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 53.5835, 0.3119, 0.3455 by changing the saturation by 10% instead.


 53.5835, 0.3119,
0.3455

 53.5835, 0.3119,
0.3455

400.5198, 0.3123,
0.3374

 38.2688, 0.3118,
0.3475


 95.4624, 0.3121,
0.3426

 26.1914, 0.3116,
0.3501


122.7954, 0.3121,
0.3415

 16.9669, 0.3114,
0.3534

154.9033, 0.3122,
0.3405

 10.2109, 0.3111,
0.3581

192.1705, 0.3122,
0.3397

 5.5390, 0.3105,
0.3650

234.9813, 0.3123,
0.3390

 2.5668, 0.3096,
0.3762

283.7202, 0.3123,


 0.9100, 0.3096,


0.3384


0.4048


338.7716, 0.3123,
0.3378


 0.0000, 0.0000,
0.0000

 53.5835, 0.3119,
0.3455

 53.5835, 0.3119,
0.3455


 50.5541, 0.3105,
0.3732


 57.0704, 0.3131,
0.3212


 47.9568, 0.3090,
0.4043


 61.0256, 0.3141,
0.3002

 45.7740, 0.3074,
0.4381

 65.4678, 0.3151,
0.2821

 43.9843, 0.3057,
0.4736

 68.4231, 0.3154,
0.2723

 42.5642, 0.3040,
0.5088

■ 41.4881, 0.3025,
0.5412

■ 40.7267, 0.3013,
0.5680

■ 40.2461, 0.3005,
0.5869

■ 40.0020, 0.3001,
0.5973

Harmonies

Analogous

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



53.5835, 0.3232, 0.3489



53.5835, 0.3119, 0.3455



53.5835, 0.3010, 0.3374

Triad

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



53.5835, 0.3119, 0.3455



53.5835, 0.2940, 0.3113



53.5835, 0.3325, 0.3304

Complementary

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



53.5835, 0.3119, 0.3455



50.1577, 0.3135, 0.3130

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.



53.5835, 0.3244, 0.3208



53.5835, 0.3119, 0.3455



53.5835, 0.3021, 0.3098

Square

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



53.5835, 0.3119, 0.3455



53.5835, 0.2908, 0.3175



53.5835, 0.3132, 0.3133



53.5835, 0.3352, 0.3400

Rectangle

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



53.5835, 0.3119, 0.3455



53.5835, 0.2954, 0.3306



53.5835, 0.3132, 0.3133



53.5835, 0.3303, 0.3271

Sweetspot

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



53.5858, 0.3119, 0.3455



98.7227, 0.3125, 0.3339



55.2746, 0.3224, 0.3451



21.1441, 0.3125, 0.3336



0.0000, 0.0000, 0.0000



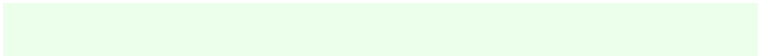
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5858, 0.3119, 0.3455



95.0940, 0.3117, 0.3494



53.8643, 0.3072, 0.3372



11.8886, 0.3115, 0.3528



26.2669, 0.2999, 0.5997



1.2440, 0.2996, 0.5986

Inverse Universe

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



50.1577, 0.3135, 0.3130



87.6625, 0.3137, 0.3094



49.8666, 0.3186, 0.3209



10.8159, 0.3138, 0.3063



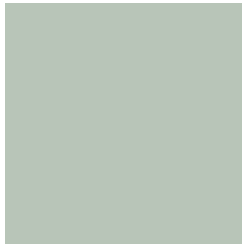
10.4355, 0.3219, 0.1547



0.4944, 0.3217, 0.1546

Previews

White Background



This preview shows how the Yxy color 53.5835, 0.3119, 0.3455 looks on a white background.

Color Contrast Check

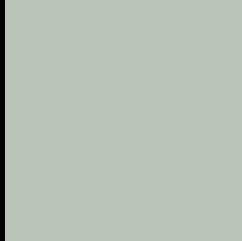
Large Text (above 18pt) WCAG AA × Fail

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 53.5835, 0.3119, 0.3455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

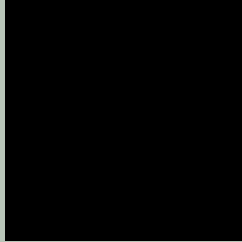
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

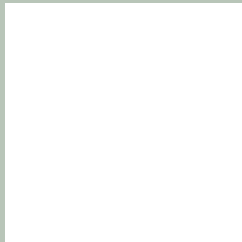
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5835, 0.3119, 0.3455

Background



This preview shows how black text looks on a background with the Yxy color 53.5835, 0.3119, 0.3455.



This preview shows how white text looks on a background with the Yxy color 53.5835, 0.3119, 0.3455.

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

53.5835, 0.3119, 0.3455

Protanopia

53.2188, 0.3261, 0.3413

Deuteranopia

53.5329, 0.3372, 0.3303



Tritanopia

53.4347, 0.2972, 0.3094

Trichromacy



Original Color

53.5835, 0.3119, 0.3455

Protanomaly

53.4718, 0.3210, 0.3427

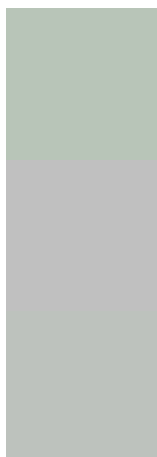
Deuteranomaly

53.6018, 0.3281, 0.3363

Tritanomaly

53.3185, 0.3028, 0.3215

Monochromacy



Original Color

53.5835, 0.3119, 0.3455

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0765, 0.3124, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5835, 0.3119, 0.3455 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(184, 197, 184)` looks like.

```
.text, #text, p{  
    color:rgb(184, 197, 184)  
}
```

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(184, 197, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 197, 184) }
```

Border

The CSS property to change the border of an element to Yxy 53.5835, 0.3119, 0.3455 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(184, 197, 184) }
```

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

```
.border{ border-color:rgb(184, 197, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 197, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 197, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 197, 184);  
box-shadow:4px 4px 4px 4px rgb(184, 197,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5835, 0.3119, 0.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 197, 184) }
```

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

```
.background{ background-color: rgb(184,  
197, 184) }
```

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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