

Converting Colors

$Y_{xy}(53.5570, 0.3065, 0.3439)$

Have a look what the booklet for
Yxy(53.5570, 0.3065, 0.3439)
contains.

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Color

Yxy(53.5170, 0.3065, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	B3C6BA
RGB	179, 198, 186
RGB Percent	70%, 78%, 73%
CMY	0.2982, 0.2235, 0.2705
CMYK	0.10, 0.00, 0.06, 0.22
HSL	142°, 14%, 74%
HSV	142°, 10%, 78%
XYZ	47.6415, 53.5170, 54.2786
YIQ	190.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

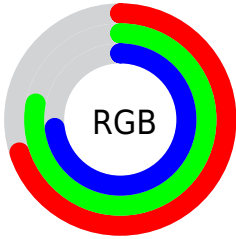
Format	Color
RYB	179, 193, 198
Decimal	11781818
CIELab	78.18, -8.77, 3.80
CIELCh	78, 9.553, 156.585
Yxy	53.5170, 0.3065, 0.3443
Android (android.graphics.Color)	4289971898 (0xFFB3C6BA)
YUV	190.9510, -2.4408, -10.4810
Hunter-Lab	73.1553, -11.7759, 7.2176

Details

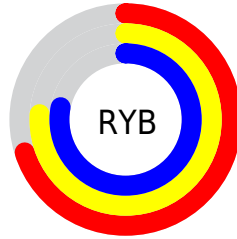
The Yxy color **53.5170, 0.3065, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9926, 0.3195, 0.3142**, and the grayscale version is **52.0861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5930, 0.3078, 0.3419**, and **26.0756, 0.3045, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **50.8197, 0.3001, 0.3621**, and if you desaturate by 10%, it is **56.6039, 0.3130, 0.3284**.

Distribution



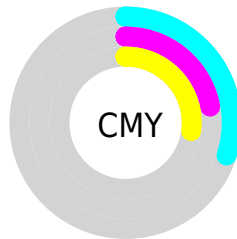
- Red (70%)
- Green (78%)
- Blue (73%)



- Red (70%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)





- Cyan (30%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5170, 0.3065, 0.3443 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 53.5170, 0.3065, 0.3443 by changing the saturation by 10% instead.


 53.5170, 0.3065,
0.3443

 53.5170, 0.3065,
0.3443


400.2655, 0.3096,
0.3367

 38.2156, 0.3057,
0.3462


 95.3647, 0.3076,
0.3416

 26.1501, 0.3048,
0.3485


122.6798, 0.3080,
0.3405

 16.9360, 0.3035,
0.3517


154.7683, 0.3084,
0.3397

 10.1888, 0.3017,
0.3560

192.0146, 0.3087,
0.3389

 5.5243, 0.2991,
0.3624

234.8031, 0.3090,
0.3383

 2.5581, 0.2948,
0.3728

283.5181, 0.3092,

 0.9056, 0.2845,

0.3377

0.3985

338.5441, 0.3094,
0.3372

0.0000, 0.0000,
0.0000

53.5170, 0.3065,
0.3443

53.5170, 0.3065,
0.3443

50.8197, 0.3001,
0.3621

56.6039, 0.3130,
0.3284

48.4898, 0.2941,
0.3819

60.0883, 0.3194,
0.3144

46.5127, 0.2887,
0.4035

63.9863, 0.3256,
0.3021

44.8707, 0.2841,
0.4267

67.7054, 0.3292,
0.2911

43.5440, 0.2808,
0.4508

68.4557, 0.3200,
0.2793

■ 42.5112, 0.2790,
0.4753

■ 68.8744, 0.3153,
0.2732

■ 41.7475, 0.2789,
0.4992

■ 41.2243, 0.2807,
0.5215

■ 40.8902, 0.2838,
0.5415

Harmonies

Analogous

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



53.5170, 0.3194, 0.3505



53.5170, 0.3065, 0.3443



53.5170, 0.2955, 0.3337

Triad

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



53.5170, 0.3065, 0.3443



53.5170, 0.2949, 0.3078



53.5170, 0.3370, 0.3352

Complementary

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



53.5170, 0.3065, 0.3443



47.9926, 0.3195, 0.3142

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.



53.5170, 0.3301, 0.3241



53.5170, 0.3065, 0.3443



53.5170, 0.3057, 0.3085

Square

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



53.5170, 0.3065, 0.3443



53.5170, 0.2889, 0.3126



53.5170, 0.3186, 0.3144



53.5170, 0.3371, 0.3449

Rectangle

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



53.5170, 0.3065, 0.3443



53.5170, 0.2906, 0.3259



53.5170, 0.3186, 0.3144



53.5170, 0.3354, 0.3315

Sweetspot

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



53.5193, 0.3065, 0.3443



98.2713, 0.3107, 0.3337



54.7276, 0.3212, 0.3528



20.9376, 0.3102, 0.3349



0.0000, 0.0000, 0.0000



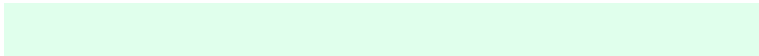
21.4041, 0.3127, 0.3290

Same Dimension

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



53.5193, 0.3065, 0.3443



93.4713, 0.3049, 0.3487



53.9352, 0.2998, 0.3322



11.9517, 0.3067, 0.3439



26.5958, 0.2832, 0.5397



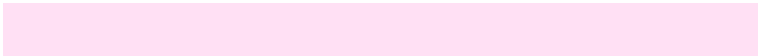
1.2733, 0.2712, 0.4962

Inverse Universe

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



47.9926, 0.3195, 0.3142



81.2987, 0.3215, 0.3101



47.5895, 0.3273, 0.3259



10.7475, 0.3193, 0.3145



8.7832, 0.4405, 0.2200



0.4295, 0.4093, 0.2028

Previews

White Background



This preview shows how the Yxy color 53.5170, 0.3065, 0.3443 looks on a white background.

Color Contrast Check

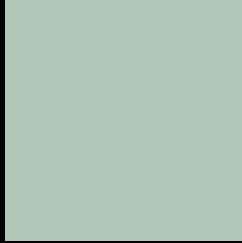
Large Text (above 18pt) WCAG AA × Fail

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 53.5170, 0.3065, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

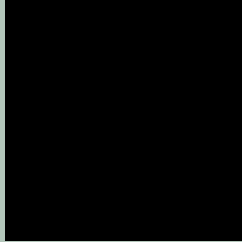
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

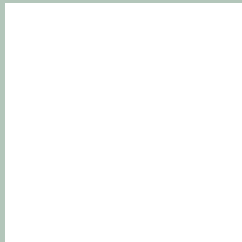
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5170, 0.3065, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 53.5170, 0.3065, 0.3443.



This preview shows how white text looks on a background with the Yxy color 53.5170, 0.3065, 0.3443.

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

53.5170, 0.3065, 0.3443

Protanopia

53.2603, 0.3253, 0.3401

Deuteranopia

53.3176, 0.3338, 0.3279



Tritanopia

53.3040, 0.2927, 0.3093

Trichromacy



Original Color

53.5170, 0.3065, 0.3443

Protanomaly

53.2507, 0.3186, 0.3415

Deuteranomaly

53.2670, 0.3240, 0.3339

Tritanomaly

53.1923, 0.2982, 0.3215

Monochromacy



Original Color

53.5170, 0.3065, 0.3443

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.8225, 0.3108, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5170, 0.3065, 0.3443 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(179, 198, 186)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 186)  
}
```

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(179, 198, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 186) }
```

Border

The CSS property to change the border of an element to Yxy 53.5170, 0.3065, 0.3443 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(179, 198, 186) }
```

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

```
.border{ border-color:rgb(179, 198, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 186);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5170, 0.3065, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 186) }
```

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

```
.background{ background-color: rgb(179,  
198, 186) }
```

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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