

Converting Colors

Yxy(57.4811, 0.3036, 0.3385)

Have a look what the booklet for
Yxy(57.4811, 0.3036, 0.3385)
contains.

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Color

Yxy(57.4855, 0.3039, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	B9CCC4
RGB	185, 204, 196
RGB Percent	73%, 80%, 77%
CMY	0.2746, 0.2000, 0.2312
CMYK	0.09, 0.00, 0.04, 0.20
HSL	155°, 16%, 76%
HSV	155°, 9%, 80%
XYZ	51.5639, 57.4855, 60.6245
YIQ	197.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

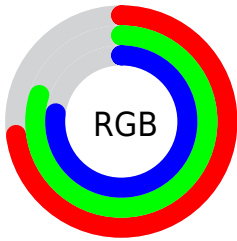
Format	Color
R_{YB}	185, 197, 204
Decimal	12176580
CIE Lab	80.45, -7.95, 1.76
CIE LCh	80, 8.141, 167.508
Yxy	57.4855, 0.3039, 0.3388
Android (android.graphics.Color)	4290366660 (0xFFB9CCC4)
YUV	197.4070, -0.6937, -10.8809
Hunter-Lab	75.8192, -11.2875, 5.6656

Details

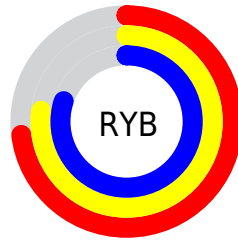
The Yxy color **57.4855, 0.3039, 0.3388** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3762, 0.3225, 0.3194**, and the grayscale version is **56.1025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3126, 0.3053, 0.3309**, and **28.6712, 0.3021, 0.3423** is the 20% darker color. If you saturate the color by 10%, you get **54.7522, 0.2947, 0.3505**, and if you desaturate by 10%, it is **60.6099, 0.3134, 0.3283**.

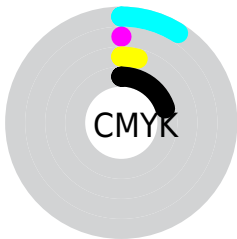
Distribution



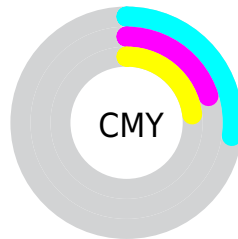
- Red (73%)
- Green (80%)
- Blue (77%)



- Red (73%)
- Yellow (77%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)





- Cyan (27%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.4855, 0.3039, 0.3388 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 57.4855, 0.3039, 0.3388 by changing the saturation by 10% instead.


 57.4855, 0.3039,
0.3388

 57.4855, 0.3039,
0.3388


415.2661, 0.3082,
0.3340

 41.3952, 0.3029,
0.3399


 101.1733, 0.3054,
0.3371

 28.6280, 0.3016,
0.3414


129.5394, 0.3060,
0.3365

 18.7996, 0.2999,
0.3433


162.7664, 0.3065,
0.3359

 11.5255, 0.2976,
0.3459

201.2385, 0.3069,
0.3354

 6.4215, 0.2943,
0.3496

245.3401, 0.3073,
0.3350

 3.1030, 0.2891,
0.3555

295.4556, 0.3076,

 1.1858, 0.2800,

0.3347

0.3659

351.9695, 0.3079,
0.3343

■ 0.0500, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4855, 0.3039,
0.3388

■ 57.4855, 0.3039,
0.3388

■ 54.7522, 0.2947,
0.3505

■ 60.6099, 0.3134,
0.3283

■ 52.3869, 0.2861,
0.3633


■ 64.1329, 0.3229,
0.3190

■ 50.3750, 0.2783,
0.3772


■ 68.0710, 0.3324,
0.3107


■ 48.6984, 0.2717,
0.3922


■ 70.1740, 0.3328,
0.3027


 47.3371, 0.2666,
0.4079


 70.6666, 0.3265,
0.2944


 46.2690, 0.2632,
0.4241

 71.1829, 0.3204,
0.2863

 45.4688, 0.2617,
0.4405

 71.6688, 0.3151,
0.2792

 44.9070, 0.2624,
0.4567

 44.5329, 0.2647,
0.4724

Harmonies

Analogous

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



57.4855, 0.3144, 0.3455



57.4855, 0.3039, 0.3388



57.4855, 0.2959, 0.3294

Triad

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



57.4855, 0.3039, 0.3388



57.4855, 0.3008, 0.3110



57.4855, 0.3336, 0.3374

Complementary

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



57.4855, 0.3039, 0.3388



51.3762, 0.3225, 0.3194

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.



57.4855, 0.3298, 0.3283



57.4855, 0.3039, 0.3388



57.4855, 0.3108, 0.3132

Square

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



57.4855, 0.3039, 0.3388



57.4855, 0.2941, 0.3134



57.4855, 0.3214, 0.3195



57.4855, 0.3316, 0.3445

Rectangle

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



57.4855, 0.3039, 0.3388



57.4855, 0.2929, 0.3230



57.4855, 0.3214, 0.3195



57.4855, 0.3330, 0.3345

Sweetspot

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



57.4879, 0.3039, 0.3388



98.3732, 0.3098, 0.3321



58.0578, 0.3180, 0.3523



20.9650, 0.3091, 0.3329



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.



57.4879, 0.3039, 0.3388



94.3291, 0.3022, 0.3408



57.2601, 0.2985, 0.3274



12.6445, 0.3038, 0.3389



28.0322, 0.2643, 0.4713



1.4611, 0.2557, 0.4404

Inverse Universe

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



51.3762, 0.3225, 0.3194



82.3850, 0.3246, 0.3175



51.5632, 0.3287, 0.3306



11.2903, 0.3225, 0.3193



8.5149, 0.5282, 0.2683



0.4543, 0.4780, 0.2407

Previews

White Background



This preview shows how the Yxy color 57.4855, 0.3039, 0.3388 looks on a white background.

Color Contrast Check

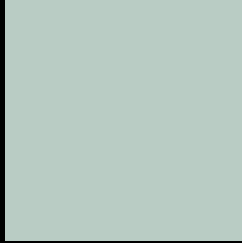
Large Text (above 18pt) WCAG AA × Fail

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 57.4855, 0.3039, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

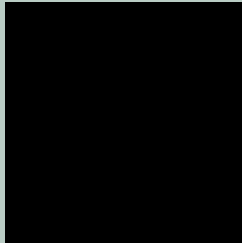
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

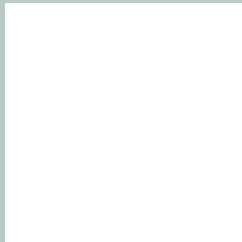
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.4855, 0.3039, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 57.4855, 0.3039, 0.3388.



This preview shows how white text looks on a background with the Yxy color 57.4855, 0.3039, 0.3388.

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

57.4855, 0.3039, 0.3388

Protanopia

57.0758, 0.3212, 0.3350

Deuteranopia

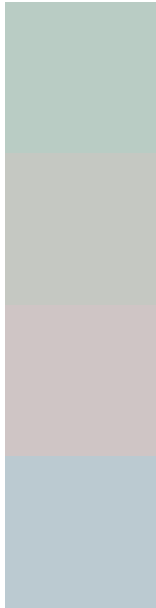
57.2772, 0.3301, 0.3233



Tritanopia

57.4744, 0.2919, 0.3098

Trichromacy



Original Color

57.4855, 0.3039, 0.3388

Protanomaly

57.0739, 0.3147, 0.3363

Deuteranomaly

57.2291, 0.3207, 0.3290

Tritanomaly

57.4093, 0.2966, 0.3205

Monochromacy



Original Color

57.4855, 0.3039, 0.3388

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6772, 0.3094, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.4855, 0.3039, 0.3388 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, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(185, 204, 196)  
}
```

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, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 204, 196) }
```

Border

The CSS property to change the border of an element to Yxy 57.4855, 0.3039, 0.3388 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, 204, 196) }
```

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

```
.border{ border-color:rgb(185, 204, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 204, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(185, 204,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 57.4855, 0.3039, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 204, 196) }
```

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

```
.background{ background-color: rgb(185,  
204, 196) }
```

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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