

Converting Colors

Yxy(53.8163, 0.3107, 0.3418)

Have a look what the booklet for
Yxy(53.8163, 0.3107, 0.3418)
contains.

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Color

Yxy(53.8346, 0.3105, 0.3416)

Conversions

Conversions Part 1

Format	Color
Hex	B9C5BB
RGB	185, 197, 187
RGB Percent	73%, 77%, 73%
CMY	0.2747, 0.2274, 0.2666
CMYK	0.06, 0.00, 0.05, 0.23
HSL	130°, 9%, 75%
HSV	130°, 6%, 77%
XYZ	48.9334, 53.8346, 54.8275
YIQ	192.2720, -3.9420, -5.6540

Conversions

Conversions Part 2

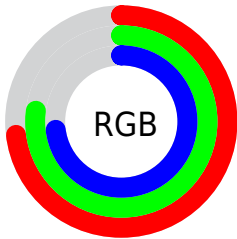
Format	Color
RYB	185, 195, 197
Decimal	12174779
CIELab	78.37, -6.01, 3.58
CIELCh	78, 6.998, 149.189
Yxy	53.8346, 0.3105, 0.3416
Android (android.graphics.Color)	4290364859 (0xFFB9C5BB)
YUV	192.2720, -2.5991, -6.3775
Hunter-Lab	73.3721, -9.3557, 7.0559

Details

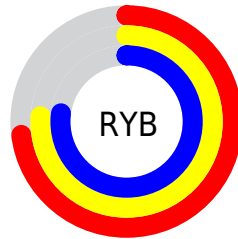
The Yxy color **53.8346, 0.3105, 0.3416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4856, 0.3150, 0.3167**, and the grayscale version is **52.8931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0555, 0.3110, 0.3398**, and **26.2717, 0.3099, 0.3444** is the 20% darker color. If you saturate the color by 10%, you get **50.8943, 0.3068, 0.3644**, and if you desaturate by 10%, it is **57.1986, 0.3141, 0.3216**.

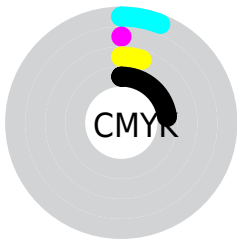
Distribution



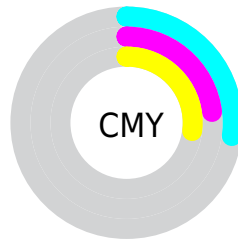
- Red (73%)
- Green (77%)
- Blue (73%)



- Red (73%)
- Yellow (76%)
- Blue (77%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8346, 0.3105, 0.3416 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 53.8346, 0.3105, 0.3416 by changing the saturation by 10% instead.

■ 53.8346, 0.3105,
0.3416

■ 53.8346, 0.3105,
0.3416

401.4790, 0.3116,
0.3354

■ 38.4694, 0.3102,
0.3431

■ 95.8313, 0.3109,
0.3394

■ 26.3472, 0.3099,
0.3451

123.2317, 0.3111,
0.3385

■ 17.0836, 0.3094,
0.3476

155.4126, 0.3112,
0.3378

■ 10.2941, 0.3087,
0.3511

192.7585, 0.3113,
0.3372

■ 5.5944, 0.3077,
0.3563

235.6536, 0.3114,
0.3367

■ 2.6001, 0.3061,
0.3647

284.4825, 0.3115,

■ 0.9267, 0.3034,

0.3362

0.3833

339.6295, 0.3115,
0.3358

0.0000, 0.0000,
0.0000

53.8346, 0.3105,
0.3416

53.8346, 0.3105,
0.3416

50.8943, 0.3068,
0.3644

57.1986, 0.3141,
0.3216

48.3544, 0.3032,
0.3899

60.9951, 0.3175,
0.3041

46.1994, 0.2998,
0.4179

65.2411, 0.3208,
0.2889

44.4104, 0.2967,
0.4479

68.2529, 0.3172,
0.2746

42.9669, 0.2944,
0.4788

68.4216, 0.3154,
0.2722

■ 41.8461, 0.2929,
0.5093

■ 41.0227, 0.2926,
0.5374

■ 40.4674, 0.2934,
0.5613

■ 40.1436, 0.2952,
0.5796

Harmonies

Analogous

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



53.8346, 0.3198, 0.3451



53.8346, 0.3105, 0.3416



53.8346, 0.3018, 0.3345

Triad

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



53.8346, 0.3105, 0.3416



53.8346, 0.2982, 0.3140



53.8346, 0.3296, 0.3316

Complementary

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



53.8346, 0.3105, 0.3416



50.4856, 0.3150, 0.3167

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.



53.8346, 0.3236, 0.3235



53.8346, 0.3105, 0.3416



53.8346, 0.3054, 0.3134

Square

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



53.8346, 0.3105, 0.3416



53.8346, 0.2948, 0.3185



53.8346, 0.3147, 0.3169



53.8346, 0.3310, 0.3392

Rectangle

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



53.8346, 0.3105, 0.3416



53.8346, 0.2976, 0.3289



53.8346, 0.3147, 0.3169



53.8346, 0.3281, 0.3289

Sweetspot

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



53.8369, 0.3105, 0.3416



98.7761, 0.3120, 0.3331



55.0450, 0.3200, 0.3439



21.1550, 0.3120, 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.



53.8369, 0.3105, 0.3416



95.8533, 0.3101, 0.3437



54.0989, 0.3062, 0.3340



12.0462, 0.3100, 0.3446



26.3486, 0.2954, 0.5834



1.2570, 0.2855, 0.5477

Inverse Universe

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



50.4856, 0.3150, 0.3167



88.9406, 0.3154, 0.3147



50.2201, 0.3197, 0.3240



11.1286, 0.3156, 0.3139



9.5668, 0.3689, 0.1806



0.4614, 0.3573, 0.1742

Previews

White Background



This preview shows how the Yxy color 53.8346, 0.3105, 0.3416 looks on a white background.

Color Contrast Check

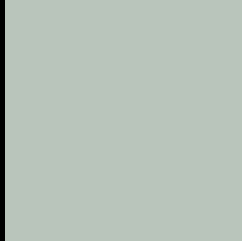
Large Text (above 18pt) WCAG AA × Fail

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 53.8346, 0.3105, 0.3416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

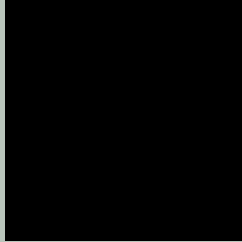
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

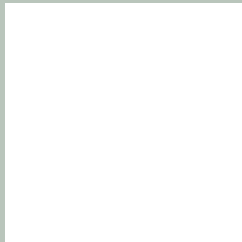
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8346, 0.3105, 0.3416

Background



This preview shows how black text looks on a background with the Yxy color 53.8346, 0.3105, 0.3416.



This preview shows how white text looks on a background with the Yxy color 53.8346, 0.3105, 0.3416.

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

53.8346, 0.3105, 0.3416

Protanopia

53.7848, 0.3237, 0.3388

Deuteranopia

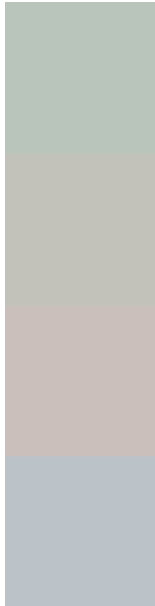
53.5109, 0.3339, 0.3267



Tritanopia

53.8784, 0.2972, 0.3107

Trichromacy



Original Color

53.8346, 0.3105, 0.3416

Protanomaly

53.5981, 0.3187, 0.3389

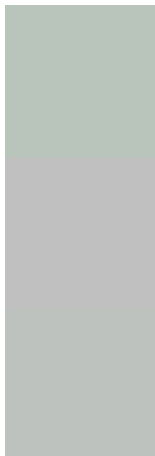
Deuteranomaly

53.5890, 0.3249, 0.3327

Tritanomaly

53.8121, 0.3021, 0.3216

Monochromacy



Original Color

53.8346, 0.3105, 0.3416

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1201, 0.3117, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8346, 0.3105, 0.3416 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 197, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 197, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.8346, 0.3105, 0.3416 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, 187) }
```

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

```
.border{ border-color:rgb(185, 197, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 197,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8346, 0.3105, 0.3416 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, 187) }
```

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

```
.background{ background-color: rgb(185,  
197, 187) }
```

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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