

Converting Colors

Yxy(55.1682, 0.3088, 0.3414)

Have a look what the booklet for
Yxy(55.1682, 0.3088, 0.3414)
contains.

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Color

Yxy(55.3405, 0.3083, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	B9C8BE
RGB	185, 200, 190
RGB Percent	73%, 78%, 75%
CMY	0.2744, 0.2157, 0.2550
CMYK	0.07, 0.00, 0.05, 0.22
HSL	140°, 12%, 75%
HSV	140°, 7%, 78%
XYZ	49.9604, 55.3405, 56.7503
YIQ	194.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

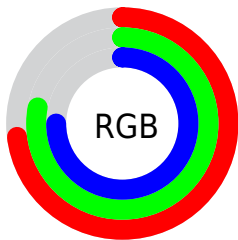
Format	Color
RYB	185, 196, 200
Decimal	12175550
CIELab	79.24, -6.98, 3.25
CIELCh	79, 7.702, 155.053
Yxy	55.3405, 0.3083, 0.3415
Android (android.graphics.Color)	4290365630 (0xFFB9C8BE)
YUV	194.3750, -2.1569, -8.2219
Hunter-Lab	74.3912, -10.3057, 6.8436

Details

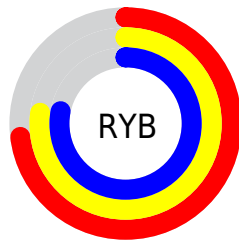
The Yxy color **55.3405, 0.3083, 0.3415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9350, 0.3174, 0.3168**, and the grayscale version is **54.2016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8746, 0.3092, 0.3378**, and **27.2694, 0.3068, 0.3442** is the 20% darker color. If you saturate the color by 10%, you get **52.4683, 0.3024, 0.3601**, and if you desaturate by 10%, it is **58.6211, 0.3142, 0.3250**.

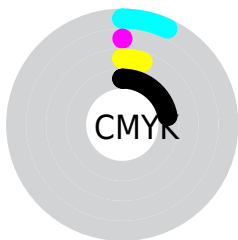
Distribution



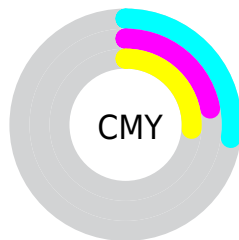
- Red (73%)
- Green (78%)
- Blue (75%)



- Red (73%)
- Yellow (77%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (27%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.3405, 0.3083, 0.3415 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 55.3405, 0.3083, 0.3415 by changing the saturation by 10% instead.

■ 55.3405, 0.3083,
0.3415

■ 55.3405, 0.3083,
0.3415

407.2014, 0.3105,
0.3354

■ 39.6744, 0.3078,
0.3430

■ 98.0397, 0.3091,
0.3393

■ 27.2848, 0.3071,
0.3449

125.8415, 0.3094,
0.3385

■ 17.7872, 0.3062,
0.3474

158.4574, 0.3096,
0.3378

■ 10.7973, 0.3050,
0.3508

196.2717, 0.3098,
0.3372

■ 5.9307, 0.3032,
0.3558

239.6689, 0.3100,
0.3366

■ 2.8030, 0.3003,
0.3638

289.0333, 0.3102,

■ 1.0298, 0.2949,

0.3362

0.3789

344.7493, 0.3103,
0.3357

0.0000, 0.0000,
0.0000

55.3405, 0.3083,
0.3415

55.3405, 0.3083,
0.3415

52.4683, 0.3024,
0.3601

58.6211, 0.3142,
0.3250

49.9815, 0.2968,
0.3807

62.3182, 0.3200,
0.3106

47.8655, 0.2916,
0.4034

66.4484, 0.3256,
0.2979

46.1018, 0.2873,
0.4278

69.0719, 0.3234,
0.2858

44.6706, 0.2839,
0.4533

69.7872, 0.3152,
0.2752

■ 43.5498, 0.2820,
0.4792

■ 42.7146, 0.2818,
0.5044

■ 42.1363, 0.2832,
0.5278

■ 41.7748, 0.2862,
0.5483

Harmonies

Analogous

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



55.3405, 0.3186, 0.3462



55.3405, 0.3083, 0.3415



55.3405, 0.2993, 0.3333

Triad

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



55.3405, 0.3083, 0.3415



55.3405, 0.2981, 0.3121



55.3405, 0.3319, 0.3335

Complementary

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



55.3405, 0.3083, 0.3415



50.9350, 0.3174, 0.3168

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.



55.3405, 0.3262, 0.3247



55.3405, 0.3083, 0.3415



55.3405, 0.3067, 0.3124

Square

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



55.3405, 0.3083, 0.3415



55.3405, 0.2935, 0.3163



55.3405, 0.3169, 0.3170



55.3405, 0.3323, 0.3414

Rectangle

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



55.3405, 0.3083, 0.3415



55.3405, 0.2952, 0.3270



55.3405, 0.3169, 0.3170



55.3405, 0.3305, 0.3306

Sweetspot

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



55.3429, 0.3083, 0.3415



98.8275, 0.3115, 0.3323



56.4483, 0.3199, 0.3474



21.1654, 0.3116, 0.3321



0.0000, 0.0000, 0.0000



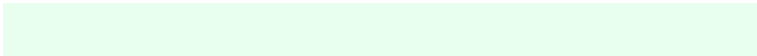
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3429, 0.3083, 0.3415



94.9535, 0.3073, 0.3444



55.6690, 0.3032, 0.3324



11.9447, 0.3072, 0.3449



26.5309, 0.2862, 0.5504



1.2697, 0.2740, 0.5065

Inverse Universe

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



50.9350, 0.3174, 0.3168



85.7427, 0.3185, 0.3141



50.6136, 0.3232, 0.3257



10.7547, 0.3187, 0.3136



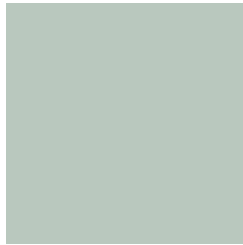
8.9182, 0.4250, 0.2115



0.4353, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 55.3405, 0.3083, 0.3415 looks on a white background.

Color Contrast Check

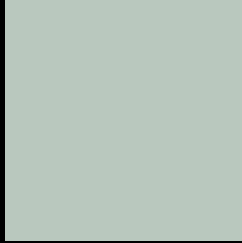
Large Text (above 18pt) WCAG AA × Fail

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 55.3405, 0.3083, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

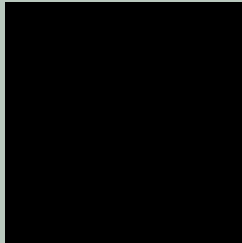
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

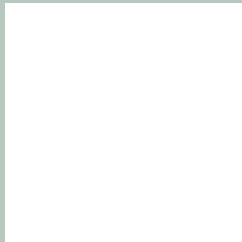
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.3405, 0.3083, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 55.3405, 0.3083, 0.3415.



This preview shows how white text looks on a background with the Yxy color 55.3405, 0.3083, 0.3415.

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

55.3405, 0.3083, 0.3415

Protanopia

55.1746, 0.3244, 0.3387

Deuteranopia

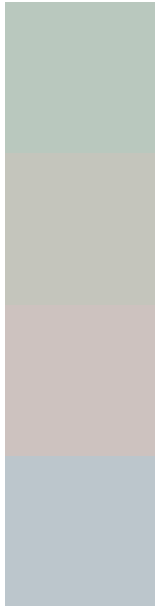
55.2316, 0.3327, 0.3267



Tritanopia

55.5048, 0.2959, 0.3109

Trichromacy



Original Color

55.3405, 0.3083, 0.3415

Protanomaly

55.2991, 0.3186, 0.3400

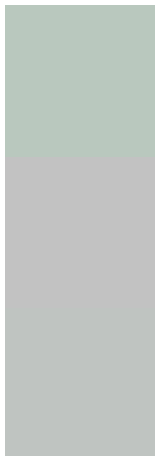
Deuteranomaly

55.3243, 0.3239, 0.3326

Tritanomaly

55.4392, 0.3007, 0.3216

Monochromacy



Original Color

55.3405, 0.3083, 0.3415

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.4065, 0.3110, 0.3327

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.3405, 0.3083, 0.3415 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, 200, 190)` looks like.

```
.text, #text, p{  
    color:rgb(185, 200, 190)  
}
```

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, 200, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 200, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.3405, 0.3083, 0.3415 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, 200, 190) }
```

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

```
.border{ border-color:rgb(185, 200, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 200, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 200, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 200, 190);  
box-shadow:4px 4px 4px 4px rgb(185, 200,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.3405, 0.3083, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 200, 190) }
```

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

```
.background{ background-color: rgb(185,  
200, 190) }
```

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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