

Converting Colors

$Y_{xy}(55.5241, 0.3045, 0.3403)$

Have a look what the booklet for
Yxy(55.5241, 0.3045, 0.3403)
contains.

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Color

Yxy(55.5241, 0.3045, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	B6C9C0
RGB	182, 201, 192
RGB Percent	71%, 79%, 75%
CMY	0.2864, 0.2117, 0.2471
CMYK	0.09, 0.00, 0.04, 0.21
HSL	152°, 15%, 75%
HSV	152°, 9%, 79%
XYZ	49.6829, 55.5241, 57.9552
YIQ	194.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

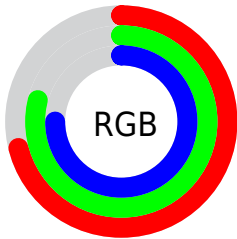
Format	Color
RYB	182, 194, 201
Decimal	11979200
CIELab	79.34, -8.19, 2.30
CIElCh	79, 8.502, 164.313
Yxy	55.5241, 0.3045, 0.3403
Android (android.graphics.Color)	4290169280 (0xFFB6C9C0)
YUV	194.2930, -1.1304, -10.7810
Hunter-Lab	74.5145, -11.3846, 6.0461

Details

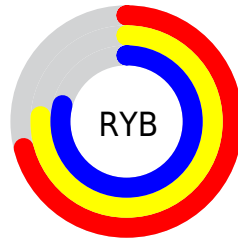
The Yxy color **55.5241, 0.3045, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6200, 0.3218, 0.3180**, and the grayscale version is **54.1384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4745, 0.3062, 0.3359**, and **27.3986, 0.3019, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **52.8439, 0.2961, 0.3536**, and if you desaturate by 10%, it is **58.5877, 0.3132, 0.3284**.

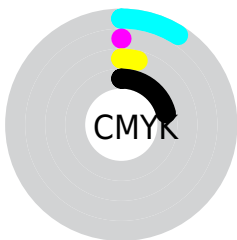
Distribution



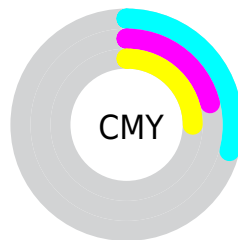
- Red (71%)
- Green (79%)
- Blue (75%)



- Red (71%)
- Yellow (76%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)





- Cyan (29%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5241, 0.3045, 0.3403 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 55.5241, 0.3045, 0.3403 by changing the saturation by 10% instead.

 55.5241, 0.3045,
0.3403

 55.5241, 0.3045,
0.3403

407.8956, 0.3085,
0.3348

 39.8215, 0.3035,
0.3416


 98.3084, 0.3059,
0.3383

 27.3994, 0.3023,
0.3434


126.1589, 0.3065,
0.3376

 17.8734, 0.3007,
0.3456


158.8275, 0.3069,
0.3369

 10.8591, 0.2985,
0.3487

196.6986, 0.3073,
0.3364

 5.9722, 0.2952,
0.3532

240.1565, 0.3077,
0.3359

 2.8282, 0.2902,
0.3603

289.5857, 0.3080,

 1.0427, 0.2806,

0.3355

0.3736

345.3706, 0.3083,
0.3351

0.0000, 0.0000,
0.0000

55.5241, 0.3045,
0.3403

55.5241, 0.3045,
0.3403

52.8439, 0.2961,
0.3536

58.5877, 0.3132,
0.3284

50.5246, 0.2881,
0.3682

62.0421, 0.3219,
0.3179

48.5520, 0.2810,
0.3841

65.9034, 0.3305,
0.3085

46.9084, 0.2749,
0.4012

68.7609, 0.3332,
0.2998

45.5742, 0.2703,
0.4192

69.3115, 0.3262,
0.2905

■ 44.5280, 0.2673,
0.4377

■ 69.8919, 0.3193,
0.2816

■ 43.7453, 0.2663,
0.4563

■ 70.2616, 0.3152,
0.2762

■ 43.1971, 0.2674,
0.4745

■ 42.8329, 0.2701,
0.4920

Harmonies

Analogous

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



55.5241, 0.3157, 0.3470



55.5241, 0.3045, 0.3403



55.5241, 0.2956, 0.3305

Triad

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



55.5241, 0.3045, 0.3403



55.5241, 0.2992, 0.3100



55.5241, 0.3346, 0.3369

Complementary

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



55.5241, 0.3045, 0.3403



49.6200, 0.3218, 0.3180

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.



55.5241, 0.3301, 0.3272



55.5241, 0.3045, 0.3403



55.5241, 0.3095, 0.3119

Square

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



55.5241, 0.3045, 0.3403



55.5241, 0.2926, 0.3131



55.5241, 0.3208, 0.3181



55.5241, 0.3332, 0.3448

Rectangle

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



55.5241, 0.3045, 0.3403



55.5241, 0.2921, 0.3237



55.5241, 0.3208, 0.3181



55.5241, 0.3337, 0.3337

Sweetspot

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



55.5265, 0.3045, 0.3403



98.3464, 0.3101, 0.3325



56.2557, 0.3188, 0.3526



20.9578, 0.3094, 0.3334



0.0000, 0.0000, 0.0000



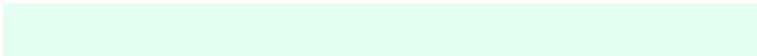
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5265, 0.3045, 0.3403



94.2355, 0.3031, 0.3424



55.7915, 0.2982, 0.3286



11.9795, 0.3046, 0.3402



26.9343, 0.2696, 0.4904



1.2899, 0.2594, 0.4537

Inverse Universe

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



49.6200, 0.3218, 0.3180



82.4770, 0.3236, 0.3160



49.3645, 0.3291, 0.3294



10.7193, 0.3217, 0.3181



8.3490, 0.5048, 0.2555



0.4099, 0.4566, 0.2289

Previews

White Background



This preview shows how the Yxy color 55.5241, 0.3045, 0.3403 looks on a white background.

Color Contrast Check

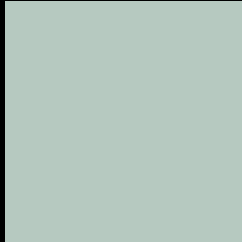
Large Text (above 18pt) WCAG AA × Fail

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 55.5241, 0.3045, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

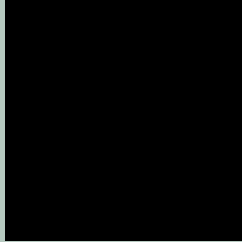
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

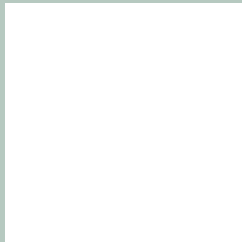
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.5241, 0.3045, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 55.5241, 0.3045, 0.3403.



This preview shows how white text looks on a background with the Yxy color 55.5241, 0.3045, 0.3403.

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

55.5241, 0.3045, 0.3403

Protanopia

55.1218, 0.3221, 0.3363

Deuteranopia

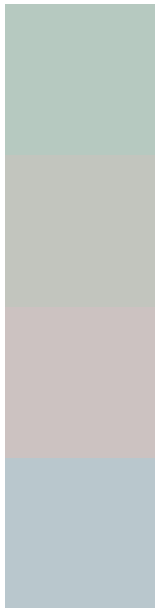
55.3209, 0.3311, 0.3244



Tritanopia

55.6314, 0.2930, 0.3108

Trichromacy



Original Color

55.5241, 0.3045, 0.3403

Protanomaly

55.1195, 0.3155, 0.3376

Deuteranomaly

55.2712, 0.3216, 0.3302

Tritanomaly

55.5689, 0.2978, 0.3216

Monochromacy



Original Color

55.5241, 0.3045, 0.3403

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7299, 0.3101, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5241, 0.3045, 0.3403 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(182, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(182, 201, 192)  
}
```

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(182, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 201, 192) }
```

Border

The CSS property to change the border of an element to Yxy 55.5241, 0.3045, 0.3403 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(182, 201, 192) }
```

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

```
.border{ border-color:rgb(182, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 201,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5241, 0.3045, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 201, 192) }
```

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

```
.background{ background-color: rgb(182,  
201, 192) }
```

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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