

Converting Colors

$Yxy(55.8350, 0.3101, 0.3504)$

Have a look what the booklet for
Yxy(55.8350, 0.3101, 0.3504)
contains.

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Color

Yxy(55.8111, 0.3102, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	B7CAB9
RGB	183, 202, 185
RGB Percent	72%, 79%, 73%
CMY	0.2823, 0.2078, 0.2746
CMYK	0.09, 0.00, 0.08, 0.21
HSL	126°, 15%, 75%
HSV	126°, 9%, 79%
XYZ	49.4081, 55.8111, 54.0590
YIQ	194.3810, -5.8670, -9.3150

Conversions

Conversions Part 2

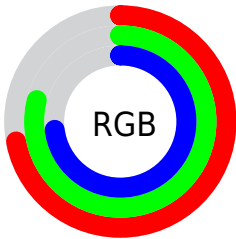
Format	Color
RYB	183, 200, 202
Decimal	12044985
CIELab	79.51, -9.64, 6.30
CIElCh	80, 11.512, 146.831
Yxy	55.8111, 0.3102, 0.3504
Android (android.graphics.Color)	4290235065 (0xFFB7CAB9)
YUV	194.3810, -4.6248, -9.9811
Hunter-Lab	74.7068, -12.6842, 9.3916

Details

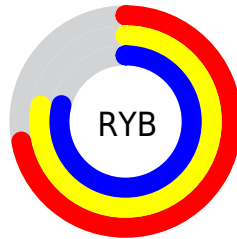
The Yxy color **55.8111, 0.3102, 0.3504** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6041, 0.3153, 0.3085**, and the grayscale version is **54.2192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2216, 0.3108, 0.3429**, and **27.5916, 0.3094, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **52.7946, 0.3074, 0.3761**, and if you desaturate by 10%, it is **59.2853, 0.3129, 0.3277**.

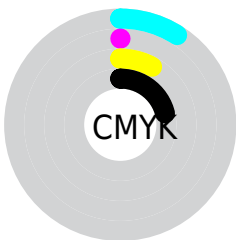
Distribution



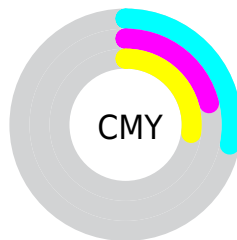
- Red (72%)
- Green (79%)
- Blue (73%)



- Red (72%)
- Yellow (78%)
- Blue (79%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)





- Cyan (28%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8111, 0.3102, 0.3504 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 55.8111, 0.3102, 0.3504 by changing the saturation by 10% instead.

 55.8111, 0.3102,
0.3504

 55.8111, 0.3102,
0.3504

408.9792, 0.3115,
0.3399

 40.0515, 0.3099,
0.3530


 98.7283, 0.3107,
0.3466

 27.5787, 0.3094,
0.3563


126.6547, 0.3109,
0.3452

 18.0083, 0.3088,
0.3606


159.4055, 0.3110,
0.3440

 10.9560, 0.3080,
0.3666

197.3651, 0.3111,
0.3429

 6.0372, 0.3067,
0.3753

240.9179, 0.3112,
0.3420

 2.8677, 0.3045,
0.3894

290.4482, 0.3113,

 1.0631, 0.3019,

0.3412

0.4196

346.3405, 0.3114,
0.3405

0.0000, 0.0000,
0.0000

55.8111, 0.3102,
0.3504

55.8111, 0.3102,
0.3504

52.7946, 0.3074,
0.3761

59.2853, 0.3129,
0.3277

50.2098, 0.3047,
0.4048

63.2277, 0.3154,
0.3079

48.0393, 0.3020,
0.4360

67.6573, 0.3178,
0.2908

46.2613, 0.2997,
0.4687

70.7214, 0.3151,
0.2772

44.8523, 0.2979,
0.5015

■ 43.7862, 0.2968,
0.5323

■ 43.0335, 0.2965,
0.5589

■ 42.5595, 0.2971,
0.5793

■ 42.3073, 0.2981,
0.5926

Harmonies

Analogous

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



55.8111, 0.3253, 0.3556



55.8111, 0.3102, 0.3504



55.8111, 0.2960, 0.3391

Triad

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



55.8111, 0.3102, 0.3504



55.8111, 0.2885, 0.3050



55.8111, 0.3397, 0.3320

Complementary

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



55.8111, 0.3102, 0.3504



50.6041, 0.3153, 0.3085

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.



55.8111, 0.3294, 0.3191



55.8111, 0.3102, 0.3504



55.8111, 0.2997, 0.3037

Square

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



55.8111, 0.3102, 0.3504



55.8111, 0.2837, 0.3126



55.8111, 0.3147, 0.3089



55.8111, 0.3426, 0.3444

Rectangle

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



55.8111, 0.3102, 0.3504



55.8111, 0.2889, 0.3298



55.8111, 0.3147, 0.3089



55.8111, 0.3370, 0.3276

Sweetspot

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



55.8135, 0.3102, 0.3504



98.1440, 0.3119, 0.3356



57.9547, 0.3250, 0.3520



20.9033, 0.3117, 0.3375



0.0000, 0.0000, 0.0000



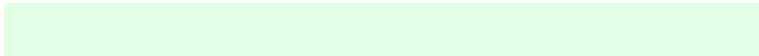
21.4041, 0.3127, 0.3290

Same Dimension

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



55.8135, 0.3102, 0.3504



93.5478, 0.3097, 0.3547



56.2247, 0.3036, 0.3384



12.5555, 0.3102, 0.3504



27.2226, 0.2978, 0.5920



1.4109, 0.2913, 0.5685

Inverse Universe

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



50.6041, 0.3153, 0.3085



83.2052, 0.3158, 0.3046



50.1769, 0.3228, 0.3198



11.3830, 0.3153, 0.3085



10.2368, 0.3486, 0.1694



0.5340, 0.3425, 0.1661

Previews

White Background



This preview shows how the Yxy color 55.8111, 0.3102, 0.3504 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 55.8111, 0.3102, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

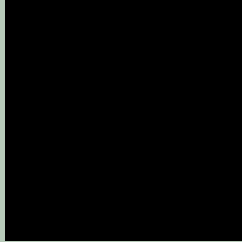
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

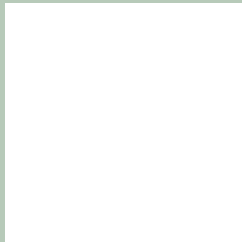
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.8111, 0.3102, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 55.8111, 0.3102, 0.3504.



This preview shows how white text looks on a background with the Yxy color 55.8111, 0.3102, 0.3504.

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

55.8111, 0.3102, 0.3504

Protanopia

55.6946, 0.3297, 0.3460

Deuteranopia

55.4748, 0.3393, 0.3326



Tritanopia

55.8836, 0.2945, 0.3109

Trichromacy



Original Color

55.8111, 0.3102, 0.3504

Protanomaly

55.5428, 0.3222, 0.3475

Deuteranomaly

55.2506, 0.3286, 0.3386

Tritanomaly

55.5977, 0.2999, 0.3241

Monochromacy



Original Color

55.8111, 0.3102, 0.3504

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6412, 0.3116, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8111, 0.3102, 0.3504 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(183, 202, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 185)  
}
```

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(183, 202, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 185) }
```

Border

The CSS property to change the border of an element to Yxy 55.8111, 0.3102, 0.3504 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(183, 202, 185) }
```

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

```
.border{ border-color:rgb(183, 202, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 185);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8111, 0.3102, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 185) }
```

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

```
.background{ background-color: rgb(183,  
202, 185) }
```

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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