

Converting Colors

$Yxy(55.2998, 0.3139, 0.3543)$

Have a look what the booklet for
Yxy(55.2998, 0.3139, 0.3543)
contains.

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Color

Yxy(55.2998, 0.3139, 0.3543)

Conversions

Conversions Part 1

Format	Color
Hex	B8C9B5
RGB	184, 201, 181
RGB Percent	72%, 79%, 71%
CMY	0.2784, 0.2118, 0.2903
CMYK	0.08, 0.00, 0.10, 0.21
HSL	111°, 16%, 75%
HSV	111°, 10%, 79%
XYZ	48.9941, 55.2998, 51.7880
YIQ	193.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

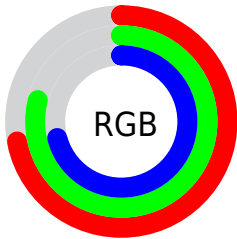
Format	Color
RYB	181, 201, 198
Decimal	12110261
CIELab	79.21, -9.50, 8.04
CIElCh	79, 12.449, 139.750
Yxy	55.2998, 0.3139, 0.3543
Android (android.graphics.Color)	4290300341 (0xFFB8C9B5)
YUV	193.6370, -6.2300, -8.4516
Hunter-Lab	74.3638, -12.5332, 10.7643

Details

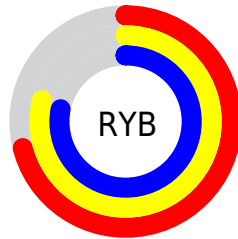
The Yxy color **55.2998, 0.3139, 0.3543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2498, 0.3113, 0.3046**, and the grayscale version is **53.7635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1597, 0.3137, 0.3468**, and **27.2512, 0.3143, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **52.5565, 0.3149, 0.3827**, and if you desaturate by 10%, it is **58.4203, 0.3127, 0.3289**.

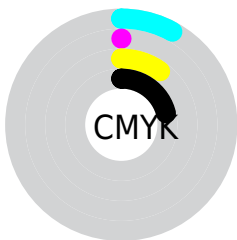
Distribution



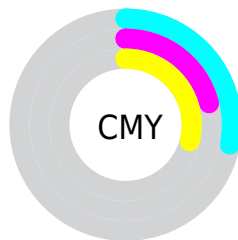
- Red (72%)
- Green (79%)
- Blue (71%)



- Red (71%)
- Yellow (79%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)




- Cyan (28%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2998, 0.3139, 0.3543 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 55.2998, 0.3139, 0.3543 by changing the saturation by 10% instead.


 55.2998, 0.3139,
0.3543

 55.2998, 0.3139,
0.3543


407.0474, 0.3134,
0.3418

 39.6418, 0.3140,
0.3574


 97.9801, 0.3138,
0.3498

 27.2594, 0.3141,
0.3613


125.7711, 0.3137,
0.3481

 17.7681, 0.3142,
0.3665


158.3753, 0.3136,
0.3467

 10.7836, 0.3142,
0.3736

196.1771, 0.3136,
0.3454

 5.9215, 0.3142,
0.3841

239.5608, 0.3135,
0.3443

 2.7974, 0.3139,
0.4010

288.9108, 0.3135,

 1.0269, 0.3189,

0.3434

0.4440

344.6115, 0.3135,
0.3426

0.0000, 0.0000,
0.0000

55.2998, 0.3139,
0.3543

55.2998, 0.3139,
0.3543

52.5565, 0.3149,
0.3827

58.4203, 0.3127,
0.3289

50.1693, 0.3156,
0.4140

61.9243, 0.3114,
0.3066

48.1257, 0.3158,
0.4473

65.8266, 0.3101,
0.2870

46.4096, 0.3155,
0.4816

69.7225, 0.3131,
0.2758

45.0037, 0.3144,
0.5149

70.2550, 0.3152,
0.2762

■ 43.8893, 0.3126,
0.5450

■ 43.0451, 0.3101,
0.5695

■ 42.4473, 0.3071,
0.5866

■ 42.0613, 0.3042,
0.5967

Harmonies

Analogous

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



55.2998, 0.3299, 0.3580



55.2998, 0.3139, 0.3543



55.2998, 0.2979, 0.3433

Triad

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



55.2998, 0.3139, 0.3543



55.2998, 0.2846, 0.3043



55.2998, 0.3400, 0.3288

Complementary

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



55.2998, 0.3139, 0.3543



49.2498, 0.3113, 0.3046

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.



55.2998, 0.3273, 0.3153



55.2998, 0.3139, 0.3543



55.2998, 0.2953, 0.3013

Square

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



55.2998, 0.3139, 0.3543



55.2998, 0.2812, 0.3140



55.2998, 0.3109, 0.3054



55.2998, 0.3453, 0.3427

Rectangle

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



55.2998, 0.3139, 0.3543



55.2998, 0.2893, 0.3334



55.2998, 0.3109, 0.3054



55.2998, 0.3365, 0.3241

Sweetspot

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



55.3022, 0.3139, 0.3543



98.3078, 0.3131, 0.3364



55.9874, 0.3278, 0.3493



20.9473, 0.3132, 0.3384



0.0000, 0.0000, 0.0000



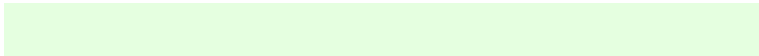
21.4041, 0.3127, 0.3290

Same Dimension

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



55.3022, 0.3139, 0.3543



93.5916, 0.3141, 0.3603



55.2100, 0.3068, 0.3458



11.9641, 0.3138, 0.3527



26.4703, 0.3048, 0.5962



1.2788, 0.3166, 0.5868

Inverse Universe

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



49.2498, 0.3113, 0.3046



81.1333, 0.3109, 0.2990



49.3611, 0.3192, 0.3127



10.7316, 0.3114, 0.3061



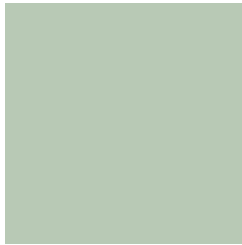
8.0840, 0.2830, 0.1333



0.4055, 0.2914, 0.1379

Previews

White Background



This preview shows how the Yxy color 55.2998, 0.3139, 0.3543 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 55.2998, 0.3139, 0.3543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

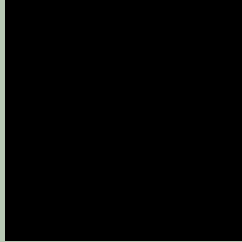
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

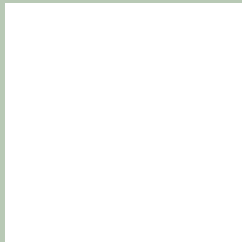
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.2998, 0.3139, 0.3543

Background



This preview shows how black text looks on a background with the Yxy color 55.2998, 0.3139, 0.3543.



This preview shows how white text looks on a background with the Yxy color 55.2998, 0.3139, 0.3543.

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

55.2998, 0.3139, 0.3543

Protanopia

55.0819, 0.3330, 0.3497

Deuteranopia

55.0297, 0.3436, 0.3361



Tritanopia

55.0521, 0.2959, 0.3096

Trichromacy



Original Color

55.2998, 0.3139, 0.3543

Protanomaly

55.0575, 0.3261, 0.3512

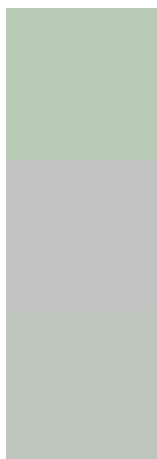
Deuteranomaly

54.7827, 0.3327, 0.3423

Tritanomaly

55.1700, 0.3021, 0.3253

Monochromacy



Original Color

55.2998, 0.3139, 0.3543

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.5538, 0.3130, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2998, 0.3139, 0.3543 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(184, 201, 181)` looks like.

```
.text, #text, p{  
    color:rgb(184, 201, 181)  
}
```

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(184, 201, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 201, 181) }
```

Border

The CSS property to change the border of an element to Yxy 55.2998, 0.3139, 0.3543 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(184, 201, 181) }
```

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

```
.border{ border-color:rgb(184, 201, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 201, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 201, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 201, 181);  
box-shadow:4px 4px 4px 4px rgb(184, 201,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2998, 0.3139, 0.3543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 201, 181) }
```

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

```
.background{ background-color: rgb(184,  
201, 181) }
```

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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