

Converting Colors

$Yxy(55.1055, 0.3431, 0.4003)$

Have a look what the booklet for
Yxy(55.1055, 0.3431, 0.4003)
contains.

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Color

Yxy(55.1352, 0.3433, 0.4002)

Conversions

Conversions Part 1

Format	Color
Hex	BDCA92
RGB	189, 202, 146
RGB Percent	74%, 79%, 57%
CMY	0.2588, 0.2078, 0.4275
CMYK	0.06, 0.00, 0.28, 0.21
HSL	74°, 35%, 68%
HSV	74°, 28%, 79%
XYZ	47.2961, 55.1352, 35.3378
YIQ	191.7290, 10.2280, -20.1720

Conversions

Conversions Part 2

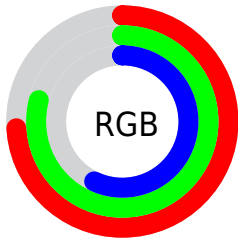
Format	Color
RYB	146, 202, 159
Decimal	12438162
CIELab	79.12, -13.78, 26.56
CIELCh	79, 29.918, 117.425
Yxy	55.1352, 0.3433, 0.4002
Android (android.graphics.Color)	4290628242 (0xFFBDCA92)
YUV	191.7290, -22.5444, -2.3933
Hunter-Lab	74.2531, -16.2458, 23.7605

Details

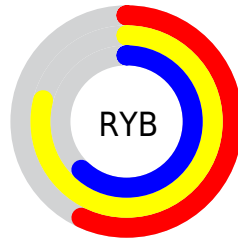
The Yxy color **55.1352, 0.3433, 0.4002** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1873, 0.2760, 0.2521**, and the grayscale version is **52.6770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2830, 0.3394, 0.3841**, and **27.1569, 0.3501, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **53.9740, 0.3537, 0.4269**, and if you desaturate by 10%, it is **56.4317, 0.3323, 0.3736**.

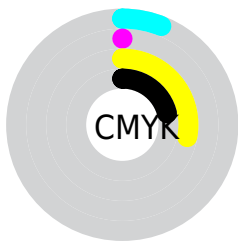
Distribution



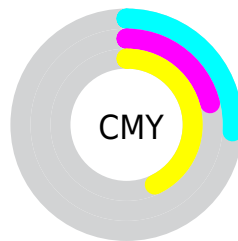
- Red (74%)
- Green (79%)
- Blue (57%)



- Red (57%)
- Yellow (79%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1352, 0.3433, 0.4002 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 55.1352, 0.3433, 0.4002 by changing the saturation by 10% instead.


 55.1352, 0.3433,
0.4002

 55.1352, 0.3433,
0.4002

406.4242, 0.3291,
0.3648

 39.5100, 0.3465,
0.4089

 97.7390, 0.3384,
0.3874

 27.1567, 0.3503,
0.4200


 125.4864, 0.3365,
0.3826

 17.6909, 0.3550,
0.4344

158.0433, 0.3348,
0.3785

 10.7283, 0.3608,
0.4542

195.7941, 0.3334,
0.3750

 5.8845, 0.3677,
0.4823

239.1232, 0.3321,
0.3719

 2.7750, 0.3806,
0.5333

288.4150, 0.3310,

 1.0154, 0.3803,

0.3693

0.6197

344.0539, 0.3300,
0.3669

0.0000, 0.0000,
0.0000

55.1352, 0.3433,
0.4002

55.1352, 0.3433,
0.4002

53.9740, 0.3537,
0.4269

56.4317, 0.3323,
0.3736

52.9347, 0.3631,
0.4529

57.8619, 0.3212,
0.3479

52.0133, 0.3709,
0.4770


59.4333, 0.3103,
0.3236


51.2024, 0.3767,
0.4981


61.1509, 0.2998,
0.3010

50.4940, 0.3800,
0.5153


63.0194, 0.2898,
0.2802


 49.8783, 0.3807,
0.5279

 64.2330, 0.2880,
0.2728

 49.3418, 0.3791,
0.5360

 64.9618, 0.2913,
0.2733

 49.2259, 0.3786,
0.5376

 65.7111, 0.2946,
0.2738

 66.4811, 0.2979,
0.2744

Harmonies

Analogous

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



55.1352, 0.3756, 0.3913



55.1352, 0.3433, 0.4002



55.1352, 0.3040, 0.3870

Triad

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



55.1352, 0.3433, 0.4002



55.1352, 0.2398, 0.2845



55.1352, 0.3568, 0.3040

Complementary

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



55.1352, 0.3433, 0.4002



32.1873, 0.2760, 0.2521

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.



55.1352, 0.3176, 0.2794



55.1352, 0.3433, 0.4002



55.1352, 0.2516, 0.2674

Square

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



55.1352, 0.3433, 0.4002



55.1352, 0.2457, 0.3160



55.1352, 0.2793, 0.2661



55.1352, 0.3845, 0.3351

Rectangle

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



55.1352, 0.3433, 0.4002



55.1352, 0.2794, 0.3669



55.1352, 0.2793, 0.2661



55.1352, 0.3444, 0.2948

Sweetspot

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



55.1376, 0.3433, 0.4002



97.8687, 0.3216, 0.3489



39.1281, 0.3684, 0.3449



20.8659, 0.3233, 0.3527



0.0000, 0.0000, 0.0000



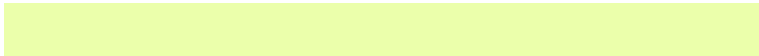
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1376, 0.3433, 0.4002



92.1989, 0.3494, 0.4155



51.9841, 0.3212, 0.4054



12.9605, 0.3230, 0.3521



31.7172, 0.3792, 0.5371



1.6690, 0.3874, 0.5306

Inverse Universe

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



32.1873, 0.2760, 0.2521



47.2838, 0.2668, 0.2340



35.2741, 0.3009, 0.2575



10.9675, 0.3018, 0.3053



3.1646, 0.1633, 0.0673



0.1988, 0.1836, 0.0785

Previews

White Background



This preview shows how the Yxy color 55.1352, 0.3433, 0.4002 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 55.1352, 0.3433, 0.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

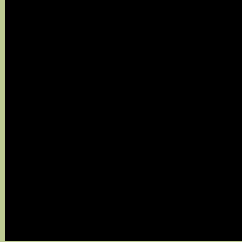
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1352, 0.3433, 0.4002

Background



This preview shows how black text looks on a background with the Yxy color 55.1352, 0.3433, 0.4002.



This preview shows how white text looks on a background with the Yxy color 55.1352, 0.3433, 0.4002.

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

55.1352, 0.3433, 0.4002

Protanopia

54.7150, 0.3656, 0.3919

Deuteranopia

54.9594, 0.3810, 0.3736



Tritanopia

55.1928, 0.3049, 0.3111

Trichromacy



Original Color

55.1352, 0.3433, 0.4002

Protanomaly

54.9583, 0.3569, 0.3956

Deuteranomaly

54.7251, 0.3668, 0.3827

Tritanomaly

55.0798, 0.3193, 0.3425

Monochromacy



Original Color

55.1352, 0.3433, 0.4002

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6514, 0.3244, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1352, 0.3433, 0.4002 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(189, 202, 146)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 146)  
}
```

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(189, 202, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 146) }
```

Border

The CSS property to change the border of an element to Yxy 55.1352, 0.3433, 0.4002 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(189, 202, 146) }
```

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

```
.border{ border-color:rgb(189, 202, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 202, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 146);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1352, 0.3433, 0.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 202, 146) }
```

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

```
.background{ background-color: rgb(189,  
202, 146) }
```

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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