

Converting Colors

$Yxy(55.3154, 0.3228, 0.3645)$

Have a look what the booklet for
Yxy(55.3154, 0.3228, 0.3645)
contains.

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Color

Yxy(55.4818, 0.3228, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	BCC9AD
RGB	188, 201, 173
RGB Percent	74%, 79%, 68%
CMY	0.2629, 0.2117, 0.3216
CMYK	0.06, 0.00, 0.14, 0.21
HSL	88°, 21%, 73%
HSV	88°, 14%, 79%
XYZ	49.1615, 55.4818, 47.6537
YIQ	193.9210, 1.2400, -11.4640

Conversions

Conversions Part 2

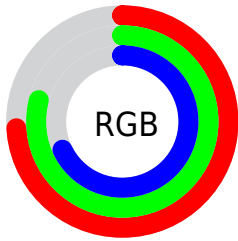
Format	Color
RYB	173, 201, 186
Decimal	12372397
CIELab	79.32, -9.50, 12.49
CIELCh	79, 15.692, 127.235
Yxy	55.4818, 0.3228, 0.3643
Android (android.graphics.Color)	4290562477 (0xFFBCC9AD)
YUV	193.9210, -10.3141, -5.1927
Hunter-Lab	74.4861, -12.5391, 14.2085

Details

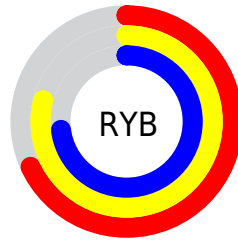
The Yxy color **55.4818, 0.3228, 0.3643** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.5521, 0.3015, 0.2936**, and the grayscale version is **53.9591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3545, 0.3215, 0.3558**, and **27.3988, 0.3253, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **53.6126, 0.3299, 0.3919**, and if you desaturate by 10%, it is **57.5501, 0.3156, 0.3386**.

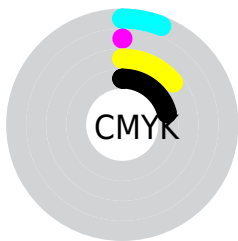
Distribution



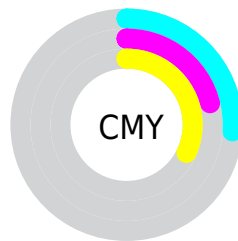
- Red (74%)
- Green (79%)
- Blue (68%)



- Red (68%)
- Yellow (79%)
- Blue (73%)



- Cyan (6%)
- Magenta (0%)
- Yellow (14%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4818, 0.3228, 0.3643 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 55.4818, 0.3228, 0.3643 by changing the saturation by 10% instead.

■ 55.4818, 0.3228,
0.3643

■ 55.4818, 0.3228,
0.3643

407.7357, 0.3181,
0.3469

■ 39.7876, 0.3239,
0.3686

■ 98.2465, 0.3211,
0.3580

■ 27.3730, 0.3252,
0.3741

126.0858, 0.3205,
0.3556

■ 17.8535, 0.3270,
0.3813

158.7423, 0.3200,
0.3536

■ 10.8449, 0.3292,
0.3912

196.6003, 0.3195,
0.3519

■ 5.9626, 0.3322,
0.4058

240.0442, 0.3191,
0.3504

■ 2.8224, 0.3362,
0.4291

289.4585, 0.3187,

■ 1.0397, 0.3673,

0.3491

0.5101

345.2275, 0.3184,
0.3479

0.0000, 0.0000,
0.0000

55.4818, 0.3228,
0.3643

55.4818, 0.3228,
0.3643

53.6126, 0.3299,
0.3919

57.5501, 0.3156,
0.3386

51.9286, 0.3365,
0.4208

59.8166, 0.3084,
0.3149

50.4252, 0.3422,
0.4502

62.2897, 0.3014,
0.2935

49.0946, 0.3466,
0.4791

64.9751, 0.2948,
0.2742

47.9287, 0.3492,
0.5059

66.6281, 0.3005,
0.2738

■ 46.9181, 0.3497,
0.5294

■ 68.2629, 0.3073,
0.2749

■ 46.0526, 0.3480,
0.5481

■ 69.9829, 0.3141,
0.2760

■ 45.3199, 0.3440,
0.5614

■ 70.2604, 0.3152,
0.2762

■ 44.9277, 0.3410,
0.5675

Harmonies

Analogous

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



55.4818, 0.3413, 0.3643



55.4818, 0.3228, 0.3643



55.4818, 0.3020, 0.3538

Triad

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



55.4818, 0.3228, 0.3643



55.4818, 0.2745, 0.3020



55.4818, 0.3414, 0.3213

Complementary

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



55.4818, 0.3228, 0.3643



44.5521, 0.3015, 0.2936

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.



55.4818, 0.3226, 0.3060



55.4818, 0.3228, 0.3643



55.4818, 0.2842, 0.2947

Square

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



55.4818, 0.3228, 0.3643



55.4818, 0.2746, 0.3170



55.4818, 0.3017, 0.2963



55.4818, 0.3524, 0.3389

Rectangle

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



55.4818, 0.3228, 0.3643



55.4818, 0.2897, 0.3425



55.4818, 0.3017, 0.2963



55.4818, 0.3357, 0.3157

Sweetspot

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



55.4842, 0.3228, 0.3643



98.4700, 0.3156, 0.3389



50.3899, 0.3360, 0.3447



21.0164, 0.3162, 0.3408



0.0000, 0.0000, 0.0000



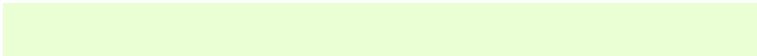
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4842, 0.3228, 0.3643



93.8839, 0.3252, 0.3732



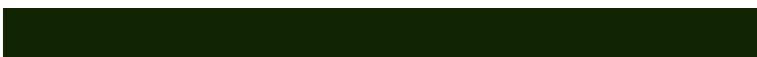
53.8428, 0.3121, 0.3655



12.1620, 0.3195, 0.3523



28.2990, 0.3420, 0.5667



1.3828, 0.3575, 0.5544

Inverse Universe

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



44.5521, 0.3015, 0.2936



71.2629, 0.2984, 0.2846



46.3324, 0.3131, 0.2948



10.5256, 0.3054, 0.3056



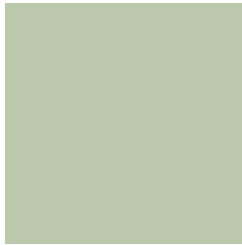
4.1900, 0.1968, 0.0858



0.2414, 0.2204, 0.0988

Previews

White Background



This preview shows how the Yxy color 55.4818, 0.3228, 0.3643 looks on a white background.

Color Contrast Check

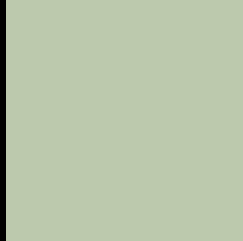
Large Text (above 18pt) WCAG AA × Fail

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 55.4818, 0.3228, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

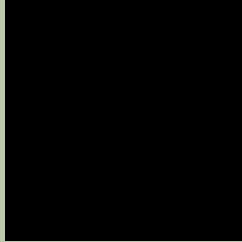
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

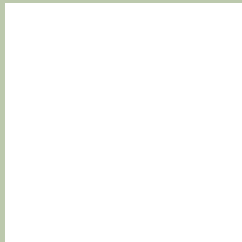
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4818, 0.3228, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 55.4818, 0.3228, 0.3643.



This preview shows how white text looks on a background with the Yxy color 55.4818, 0.3228, 0.3643.

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

55.4818, 0.3228, 0.3643

Protanopia

55.5039, 0.3407, 0.3606

Deuteranopia

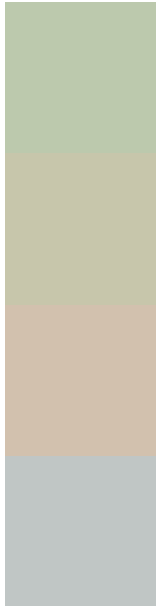
55.1783, 0.3528, 0.3453



Tritanopia

55.6523, 0.3004, 0.3110

Trichromacy



Original Color

55.4818, 0.3228, 0.3643

Protanomaly

55.4706, 0.3337, 0.3623

Deuteranomaly

54.8976, 0.3416, 0.3519

Tritanomaly

55.6259, 0.3087, 0.3302

Monochromacy



Original Color

55.4818, 0.3228, 0.3643

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6841, 0.3168, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4818, 0.3228, 0.3643 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(188, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 201, 173)  
}
```

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(188, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 201, 173) }
```

Border

The CSS property to change the border of an element to Yxy 55.4818, 0.3228, 0.3643 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(188, 201, 173) }
```

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

```
.border{ border-color:rgb(188, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 201,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4818, 0.3228, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 201, 173) }
```

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

```
.background{ background-color: rgb(188,  
201, 173) }
```

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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