

Converting Colors

$Yxy(55.4602, 0.3360, 0.3873)$

Have a look what the booklet for
Yxy(55.4602, 0.3360, 0.3873)
contains.

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Color

Yxy(55.4602, 0.3360, 0.3873)

Conversions

Conversions Part 1

Format	Color
Hex	BDCA9C
RGB	189, 202, 156
RGB Percent	74%, 79%, 61%
CMY	0.2587, 0.2079, 0.3882
CMYK	0.06, 0.00, 0.23, 0.21
HSL	77°, 30%, 70%
HSV	77°, 23%, 79%
XYZ	48.1142, 55.4602, 39.6226
YIQ	192.8690, 7.0180, -17.0620

Conversions

Conversions Part 2

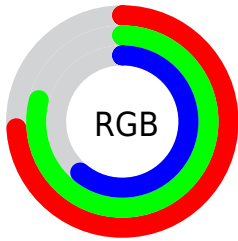
Format	Color
RYB	156, 202, 169
Decimal	12438172
CIELab	79.31, -12.31, 21.53
CIELCh	79, 24.804, 119.761
Yxy	55.4602, 0.3360, 0.3873
Android (android.graphics.Color)	4290628252 (0xFFBDCA9C)
YUV	192.8690, -18.1764, -3.3931
Hunter-Lab	74.4716, -15.0010, 20.5849

Details

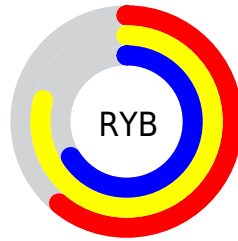
The Yxy color **55.4602, 0.3360, 0.3873** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.4734, 0.2856, 0.2677**, and the grayscale version is **53.3575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8160, 0.3328, 0.3729**, and **27.3302, 0.3416, 0.4045** is the 20% darker color. If you saturate the color by 10%, you get **54.1203, 0.3459, 0.4145**, and if you desaturate by 10%, it is **56.9473, 0.3258, 0.3608**.

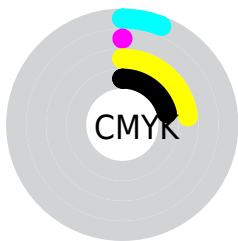
Distribution



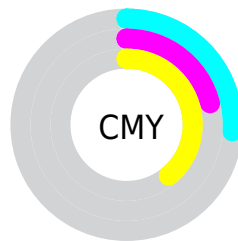
- Red (74%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (66%)



- Cyan (6%)
- Magenta (0%)
- Yellow (23%)
- Black (21%)





- Cyan (26%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.4602, 0.3360, 0.3873 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 55.4602, 0.3360, 0.3873 by changing the saturation by 10% instead.


 55.4602, 0.3360,
0.3873

 55.4602, 0.3360,
0.3873


407.6540, 0.3251,
0.3584

 39.7703, 0.3385,
0.3944

 98.2149, 0.3322,
0.3769

 27.3595, 0.3415,
0.4035

 126.0485, 0.3308,
0.3729

 17.8434, 0.3453,
0.4154


158.6987, 0.3295,
0.3696

 10.8376, 0.3500,
0.4318

196.5501, 0.3284,
0.3667

 5.9577, 0.3561,
0.4555

239.9869, 0.3274,
0.3642

 2.8194, 0.3636,
0.4928

289.3935, 0.3266,

 1.0382, 0.3953,

0.3620

0.6047

345.1544, 0.3258,
0.3601

0.0000, 0.0000,
0.0000

55.4602, 0.3360,
0.3873

55.4602, 0.3360,
0.3873

54.1203, 0.3459,
0.4145

56.9473, 0.3258,
0.3608

52.9144, 0.3549,
0.4416

58.5799, 0.3155,
0.3357

51.8386, 0.3627,
0.4676


60.3657, 0.3055,
0.3122


50.8856, 0.3686,
0.4913


62.3095, 0.2960,
0.2906


50.0478, 0.3723,
0.5116


64.2865, 0.2883,
0.2728


 49.3161, 0.3735,
0.5275


 65.1765, 0.2923,
0.2734

 48.6799, 0.3722,
0.5387

 66.0969, 0.2963,
0.2741

 48.2655, 0.3701,
0.5444

 67.0480, 0.3003,
0.2748

 68.0301, 0.3044,
0.2754

Harmonies

Analogous

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



55.4602, 0.3634, 0.3820



55.4602, 0.3360, 0.3873



55.4602, 0.3033, 0.3748

Triad

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



55.4602, 0.3360, 0.3873



55.4602, 0.2519, 0.2908



55.4602, 0.3515, 0.3102

Complementary

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



55.4602, 0.3360, 0.3873



36.4734, 0.2856, 0.2677

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.



55.4602, 0.3196, 0.2887



55.4602, 0.3360, 0.3873



55.4602, 0.2631, 0.2770

Square

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



55.4602, 0.3360, 0.3873



55.4602, 0.2558, 0.3163



55.4602, 0.2874, 0.2767



55.4602, 0.3730, 0.3367

Rectangle

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



55.4602, 0.3360, 0.3873



55.4602, 0.2830, 0.3579



55.4602, 0.2874, 0.2767



55.4602, 0.3415, 0.3022

Sweetspot

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



55.4626, 0.3360, 0.3873



97.9617, 0.3199, 0.3464



43.0609, 0.3556, 0.3448



20.9315, 0.3206, 0.3479



0.0000, 0.0000, 0.0000



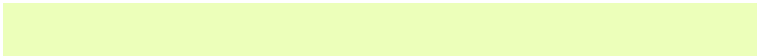
21.4041, 0.3127, 0.3290

Same Dimension

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



55.4626, 0.3360, 0.3873



92.8359, 0.3406, 0.3998



52.8260, 0.3180, 0.3907



12.9317, 0.3223, 0.3522



31.1067, 0.3707, 0.5438



1.6418, 0.3806, 0.5360

Inverse Universe

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



36.4734, 0.2856, 0.2677



55.4587, 0.2790, 0.2538



39.1531, 0.3055, 0.2712



10.9945, 0.3025, 0.3053



3.3414, 0.1687, 0.0703



0.2112, 0.1903, 0.0822

Previews

White Background



This preview shows how the Yxy color 55.4602, 0.3360, 0.3873 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 55.4602, 0.3360, 0.3873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

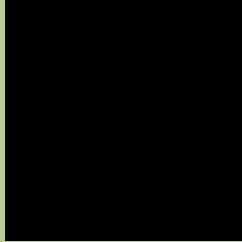
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

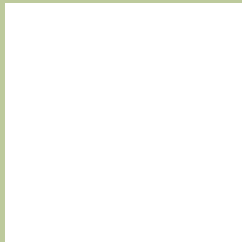
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.4602, 0.3360, 0.3873

Background



This preview shows how black text looks on a background with the Yxy color 55.4602, 0.3360, 0.3873.



This preview shows how white text looks on a background with the Yxy color 55.4602, 0.3360, 0.3873.

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

55.4602, 0.3360, 0.3873

Protanopia

55.3351, 0.3566, 0.3811

Deuteranopia

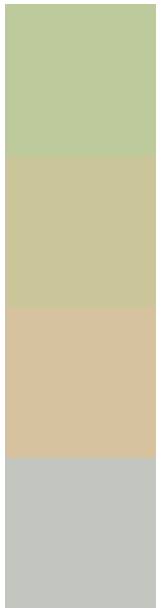
55.3924, 0.3705, 0.3636



Tritanopia

55.5537, 0.3034, 0.3111

Trichromacy



Original Color

55.4602, 0.3360, 0.3873

Protanomaly

55.2778, 0.3493, 0.3832

Deuteranomaly

55.3483, 0.3576, 0.3720

Tritanomaly

55.5752, 0.3154, 0.3388

Monochromacy



Original Color

55.4602, 0.3360, 0.3873

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9816, 0.3214, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4602, 0.3360, 0.3873 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 202, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 202, 156) }
```

Border

The CSS property to change the border of an element to Yxy 55.4602, 0.3360, 0.3873 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, 156) }
```

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

```
.border{ border-color:rgb(189, 202, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 202, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 202, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 202,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4602, 0.3360, 0.3873 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, 156) }
```

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

```
.background{ background-color: rgb(189,  
202, 156) }
```

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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