

Converting Colors

Yxy(54.6717, 0.3321, 0.3819)

Have a look what the booklet for
Yxy(54.6717, 0.3321, 0.3819)
contains.

Yxy(54.8413, 0.3323, 0.3826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(54.8413, 0.3323, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	BBC99F
RGB	187, 201, 159
RGB Percent	73%, 79%, 62%
CMY	0.2668, 0.2117, 0.3766
CMYK	0.07, 0.00, 0.21, 0.21
HSL	80°, 28%, 71%
HSV	80°, 21%, 79%
XYZ	47.6314, 54.8413, 40.8658
YIQ	192.0260, 5.1380, -16.0300

Conversions

Conversions Part 2

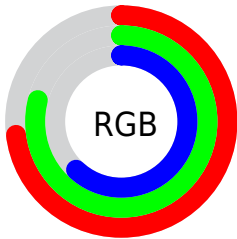
Format	Color
RYB	159, 201, 173
Decimal	12306847
CIELab	78.95, -12.12, 19.44
CIElCh	79, 22.907, 121.932
Yxy	54.8413, 0.3323, 0.3826
Android (android.graphics.Color)	4290496927 (0xFFBBC99F)
YUV	192.0260, -16.2818, -4.4078
Hunter-Lab	74.0549, -14.7867, 19.1204

Details

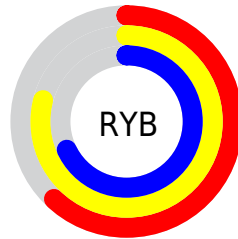
The Yxy color **54.8413, 0.3323, 0.3826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8938, 0.2900, 0.2735**, and the grayscale version is **52.8207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4297, 0.3291, 0.3701**, and **26.9973, 0.3379, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **53.3746, 0.3414, 0.4101**, and if you desaturate by 10%, it is **56.4659, 0.3229, 0.3561**.

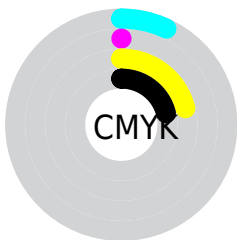
Distribution



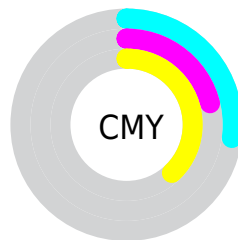
- Red (73%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (21%)




- Cyan (27%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8413, 0.3323, 0.3826 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 54.8413, 0.3323, 0.3826 by changing the saturation by 10% instead.


 54.8413, 0.3323,
0.3826

 54.8413, 0.3323,
0.3826


405.3101, 0.3231,
0.3560

 39.2747, 0.3344,
0.3892


 97.3084, 0.3291,
0.3730

 26.9735, 0.3370,
0.3976


 124.9777, 0.3279,
0.3693

 17.5533, 0.3402,
0.4087


157.4499, 0.3268,
0.3662

 10.6298, 0.3442,
0.4240

195.1096, 0.3259,
0.3636

 5.8185, 0.3495,
0.4463

238.3410, 0.3251,
0.3613

 2.7350, 0.3558,
0.4814

287.5287, 0.3243,

 0.9950, 0.3936,

0.3593

0.6064

343.0569, 0.3237,
0.3575

0.0000, 0.0000,
0.0000

54.8413, 0.3323,
0.3826

54.8413, 0.3323,
0.3826

53.3746, 0.3414,
0.4101

56.4659, 0.3229,
0.3561

52.0526, 0.3497,
0.4380

58.2468, 0.3136,
0.3312

50.8711, 0.3568,
0.4651

60.1918, 0.3044,
0.3081

49.8233, 0.3622,
0.4903

62.3058, 0.2957,
0.2870

48.9011, 0.3654,
0.5123

64.3013, 0.2904,
0.2721

■ 48.0958, 0.3662,
0.5302

■ 65.3738, 0.2951,
0.2729

■ 47.3969, 0.3645,
0.5431

■ 66.4889, 0.2999,
0.2737

■ 46.8369, 0.3613,
0.5513

■ 67.6470, 0.3048,
0.2745

■ 68.8487, 0.3096,
0.2753

Harmonies

Analogous

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



54.8413, 0.3583, 0.3791



54.8413, 0.3323, 0.3826



54.8413, 0.3019, 0.3698

Triad

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



54.8413, 0.3323, 0.3826



54.8413, 0.2564, 0.2923



54.8413, 0.3505, 0.3132

Complementary

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



54.8413, 0.3323, 0.3826



37.8938, 0.2900, 0.2735

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.



54.8413, 0.3215, 0.2927



54.8413, 0.3323, 0.3826



54.8413, 0.2679, 0.2802

Square

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



54.8413, 0.3323, 0.3826



54.8413, 0.2591, 0.3154



54.8413, 0.2912, 0.2807



54.8413, 0.3694, 0.3382

Rectangle

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



54.8413, 0.3323, 0.3826



54.8413, 0.2834, 0.3537



54.8413, 0.2912, 0.2807



54.8413, 0.3415, 0.3057

Sweetspot

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



54.8437, 0.3323, 0.3826



98.0969, 0.3184, 0.3439



44.8057, 0.3507, 0.3469



20.9538, 0.3190, 0.3455



0.0000, 0.0000, 0.0000



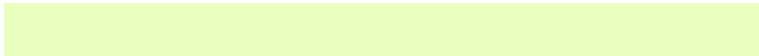
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8437, 0.3323, 0.3826



92.7348, 0.3364, 0.3947



52.3879, 0.3154, 0.3855



12.2327, 0.3215, 0.3522



29.4964, 0.3622, 0.5506



1.4351, 0.3744, 0.5410

Inverse Universe

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



37.8938, 0.2900, 0.2735



58.6692, 0.2843, 0.2604



40.4774, 0.3087, 0.2766



10.4567, 0.3034, 0.3055



3.4503, 0.1755, 0.0740



0.2032, 0.1996, 0.0873

Previews

White Background



This preview shows how the Yxy color 54.8413, 0.3323, 0.3826 looks on a white background.

Color Contrast Check

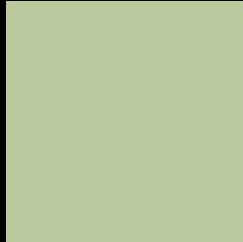
Large Text (above 18pt) WCAG AA × Fail

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 54.8413, 0.3323, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

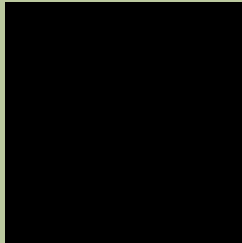
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8413, 0.3323, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 54.8413, 0.3323, 0.3826.



This preview shows how white text looks on a background with the Yxy color 54.8413, 0.3323, 0.3826.

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

54.8413, 0.3323, 0.3826

Protanopia

54.6959, 0.3528, 0.3766

Deuteranopia

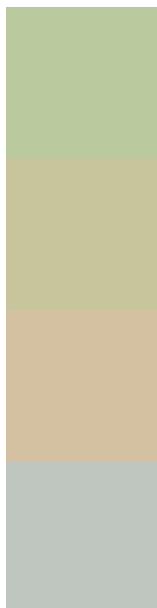
54.7438, 0.3666, 0.3592



Tritanopia

54.6564, 0.3018, 0.3109

Trichromacy



Original Color

54.8413, 0.3323, 0.3826

Protanomaly

54.6462, 0.3455, 0.3786

Deuteranomaly

54.7102, 0.3537, 0.3675

Tritanomaly

54.7705, 0.3124, 0.3364

Monochromacy



Original Color

54.8413, 0.3323, 0.3826

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2727, 0.3199, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8413, 0.3323, 0.3826 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(187, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 159)  
}
```

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(187, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 159) }
```

Border

The CSS property to change the border of an element to Yxy 54.8413, 0.3323, 0.3826 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(187, 201, 159) }
```

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

```
.border{ border-color:rgb(187, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8413, 0.3323, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 159) }
```

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

```
.background{ background-color: rgb(187,  
201, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor