

Converting Colors

Yxy(54.7572, 0.3345, 0.3866)

Have a look what the booklet for
Yxy(54.7572, 0.3345, 0.3866)
contains.

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Color

Yxy(54.7384, 0.3345, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	BBC99C
RGB	187, 201, 156
RGB Percent	73%, 79%, 61%
CMY	0.2668, 0.2117, 0.3883
CMYK	0.07, 0.00, 0.22, 0.21
HSL	79°, 29%, 70%
HSV	79°, 22%, 79%
XYZ	47.3739, 54.7384, 39.5136
YIQ	191.6840, 6.1010, -16.9630

Conversions

Conversions Part 2

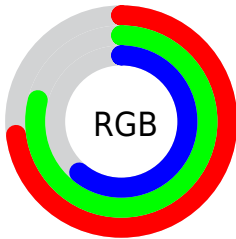
Format	Color
RYB	156, 201, 170
Decimal	12306844
CIELab	78.89, -12.58, 20.95
CIELCh	79, 24.433, 120.981
Yxy	54.7384, 0.3345, 0.3865
Android (android.graphics.Color)	4290496924 (0xFFBBC99C)
YUV	191.6840, -17.5922, -4.1079
Hunter-Lab	73.9854, -15.1785, 20.1246

Details

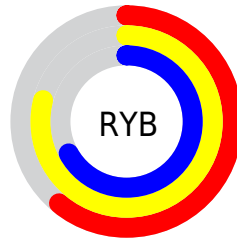
The Yxy color **54.7384, 0.3345, 0.3865** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.5391, 0.2873, 0.2690**, and the grayscale version is **52.6180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2778, 0.3309, 0.3732**, and **26.8739, 0.3387, 0.4018** is the 20% darker color. If you saturate the color by 10%, you get **53.3417, 0.3439, 0.4139**, and if you desaturate by 10%, it is **56.2871, 0.3248, 0.3599**.

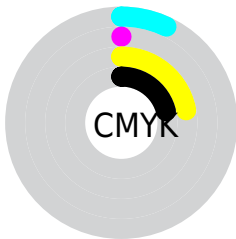
Distribution



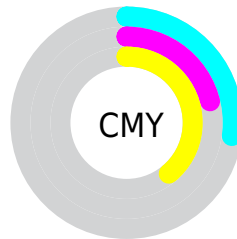
- Red (73%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (27%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7384, 0.3345, 0.3865 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 54.7384, 0.3345, 0.3865 by changing the saturation by 10% instead.

■ 54.7384, 0.3345,
0.3865

■ 54.7384, 0.3345,
0.3865

404.9195, 0.3243,
0.3579

■ 39.1923, 0.3368,
0.3936

■ 97.1576, 0.3310,
0.3761

■ 26.9094, 0.3396,
0.4026

■ 124.7994, 0.3296,
0.3722

■ 17.5052, 0.3432,
0.4145

157.2420, 0.3284,
0.3689

■ 10.5953, 0.3476,
0.4309

194.8697, 0.3274,
0.3661

■ 5.7954, 0.3532,
0.4547

238.0669, 0.3265,
0.3636

■ 2.7211, 0.3603,
0.4926

287.2180, 0.3257,

■ 0.9879, 0.3888,

0.3615

0.6112

342.7074, 0.3250,
0.3596

0.0000, 0.0000,
0.0000

54.7384, 0.3345,
0.3865

54.7384, 0.3345,
0.3865

53.3417, 0.3439,
0.4139

56.2871, 0.3248,
0.3599

52.0839, 0.3524,
0.4415

57.9862, 0.3150,
0.3348

50.9609, 0.3597,
0.4680


59.8434, 0.3055,
0.3114

49.9657, 0.3652,
0.4924


61.8636, 0.2964,
0.2899

49.0903, 0.3684,
0.5134


63.9552, 0.2888,
0.2718

 48.3259, 0.3692,
0.5301

 64.9422, 0.2932,
0.2726

 47.6618, 0.3675,
0.5420

 65.9662, 0.2977,
0.2733

 47.2100, 0.3650,
0.5484

 67.0276, 0.3022,
0.2740

 68.1267, 0.3067,
0.2748

Harmonies

Analogous

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



54.7384, 0.3620, 0.3820



54.7384, 0.3345, 0.3865



54.7384, 0.3021, 0.3734

Triad

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



54.7384, 0.3345, 0.3865



54.7384, 0.2527, 0.2904



54.7384, 0.3522, 0.3114

Complementary

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



54.7384, 0.3345, 0.3865



36.5391, 0.2873, 0.2690

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.



54.7384, 0.3209, 0.2898



54.7384, 0.3345, 0.3865



54.7384, 0.2644, 0.2773

Square

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



54.7384, 0.3345, 0.3865



54.7384, 0.2560, 0.3153



54.7384, 0.2888, 0.2775



54.7384, 0.3729, 0.3378

Rectangle

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



54.7384, 0.3345, 0.3865



54.7384, 0.2822, 0.3564



54.7384, 0.2888, 0.2775



54.7384, 0.3425, 0.3034

Sweetspot

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



54.7408, 0.3345, 0.3865



97.8624, 0.3196, 0.3464



43.3794, 0.3543, 0.3464



20.9085, 0.3202, 0.3479



0.0000, 0.0000, 0.0000



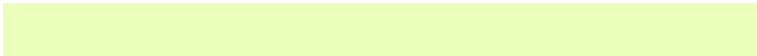
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7408, 0.3345, 0.3865



92.4833, 0.3392, 0.4001



52.1784, 0.3168, 0.3898



12.2447, 0.3218, 0.3522



29.7293, 0.3658, 0.5478



1.4448, 0.3773, 0.5386

Inverse Universe

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



36.5391, 0.2873, 0.2690



55.7570, 0.2805, 0.2541



39.1972, 0.3070, 0.2724



10.4453, 0.3030, 0.3055



3.3530, 0.1725, 0.0724



0.1976, 0.1963, 0.0855

Previews

White Background



This preview shows how the Yxy color 54.7384, 0.3345, 0.3865 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 54.7384, 0.3345, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

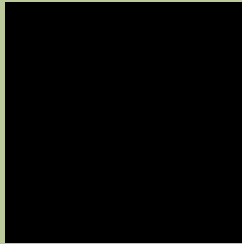
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

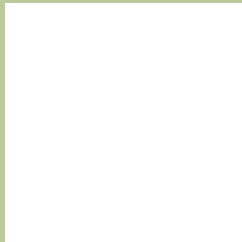
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7384, 0.3345, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 54.7384, 0.3345, 0.3865.



This preview shows how white text looks on a background with the Yxy color 54.7384, 0.3345, 0.3865.

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

54.7384, 0.3345, 0.3865

Protanopia

54.7400, 0.3560, 0.3801

Deuteranopia

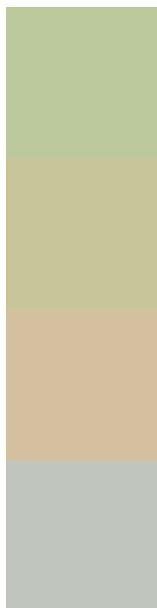
54.2126, 0.3694, 0.3615



Tritanopia

54.7891, 0.3026, 0.3110

Trichromacy



Original Color

54.7384, 0.3345, 0.3865

Protanomaly

54.5450, 0.3478, 0.3824

Deuteranomaly

54.1649, 0.3564, 0.3700

Tritanomaly

54.8567, 0.3139, 0.3376

Monochromacy



Original Color

54.7384, 0.3345, 0.3865

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.2320, 0.3206, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7384, 0.3345, 0.3865 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 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(187, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 156) }
```

Border

The CSS property to change the border of an element to Yxy 54.7384, 0.3345, 0.3865 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, 156) }
```

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

```
.border{ border-color:rgb(187, 201, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7384, 0.3345, 0.3865 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, 156) }
```

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

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