

Converting Colors

Yxy(52.4412, 0.3392, 0.3858)

Have a look what the booklet for
Yxy(52.4412, 0.3392, 0.3858)
contains.

Yxy(52.4382, 0.3394, 0.3856)	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(52.4382, 0.3394, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	BCC498
RGB	188, 196, 152
RGB Percent	74%, 77%, 60%
CMY	0.2626, 0.2314, 0.4039
CMYK	0.04, 0.00, 0.22, 0.23
HSL	71°, 27%, 68%
HSV	71°, 22%, 77%
XYZ	46.1554, 52.4382, 37.3976
YIQ	188.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

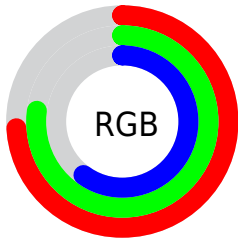
Format	Color
RYB	152, 196, 160
Decimal	12371096
CIELab	77.54, -10.19, 21.22
CIELCh	78, 23.538, 115.663
Yxy	52.4382, 0.3394, 0.3856
Android (android.graphics.Color)	4290561176 (0xFFBCC498)
YUV	188.5920, -18.0399, -0.5192
Hunter-Lab	72.4142, -12.9525, 20.0703

Details

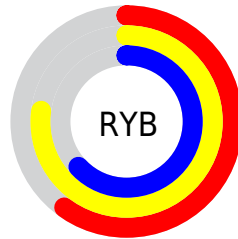
The Yxy color **52.4382, 0.3394, 0.3856** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.9130, 0.2821, 0.2681**, and the grayscale version is **50.7498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9399, 0.3348, 0.3763**, and **25.3539, 0.3454, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **51.4062, 0.3511, 0.4119**, and if you desaturate by 10%, it is **53.5920, 0.3274, 0.3597**.

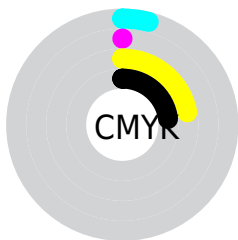
Distribution



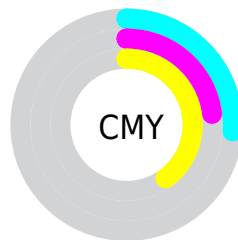
- Red (74%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (63%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (26%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4382, 0.3394, 0.3856 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 52.4382, 0.3394, 0.3856 by changing the saturation by 10% instead.

■ 52.4382, 0.3394,
0.3856

■ 52.4382, 0.3394,
0.3856

396.1260, 0.3267,
0.3573

■ 37.3545, 0.3424,
0.3926

■ 93.7772, 0.3349,
0.3754

■ 25.4821, 0.3460,
0.4016

■ 120.8012, 0.3332,
0.3715

■ 16.4366, 0.3506,
0.4134

152.5741, 0.3317,
0.3682

■ 9.8336, 0.3566,
0.4297

189.4803, 0.3305,
0.3654

■ 5.2888, 0.3644,
0.4533

231.9042, 0.3293,
0.3630

■ 2.4177, 0.3770,
0.4940

280.2302, 0.3284,

■ 0.8350, 0.3948,

0.3609

0.6052

334.8427, 0.3275,
0.3590

0.0000, 0.0000,
0.0000

52.4382, 0.3394,
0.3856

52.4382, 0.3394,
0.3856

51.4062, 0.3511,
0.4119

53.5920, 0.3274,
0.3597

50.4837, 0.3620,
0.4377

54.8656, 0.3156,
0.3349

49.6673, 0.3716,
0.4620

56.2659, 0.3041,
0.3114

48.9508, 0.3794,
0.4838

57.7973, 0.2932,
0.2897

48.3272, 0.3850,
0.5021

59.4639, 0.2829,
0.2697

■ 47.7883, 0.3880,
0.5161

■ 60.2931, 0.2823,
0.2652

■ 47.3246, 0.3885,
0.5256

■ 60.8162, 0.2847,
0.2657

■ 47.0106, 0.3876,
0.5304

■ 61.3508, 0.2872,
0.2661

■ 61.8970, 0.2898,
0.2666

Harmonies

Analogous

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



52.4382, 0.3645, 0.3784



52.4382, 0.3394, 0.3856



52.4382, 0.3080, 0.3758

Triad

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



52.4382, 0.3394, 0.3856



52.4382, 0.2535, 0.2949



52.4382, 0.3464, 0.3075

Complementary

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



52.4382, 0.3394, 0.3856



33.9130, 0.2821, 0.2681

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.



52.4382, 0.3150, 0.2878



52.4382, 0.3394, 0.3856



52.4382, 0.2624, 0.2797

Square

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



52.4382, 0.3394, 0.3856



52.4382, 0.2593, 0.3208



52.4382, 0.2844, 0.2776



52.4382, 0.3691, 0.3329

Rectangle

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



52.4382, 0.3394, 0.3856



52.4382, 0.2878, 0.3606



52.4382, 0.2844, 0.2776



52.4382, 0.3364, 0.3001

Sweetspot

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



52.4405, 0.3394, 0.3856



98.2968, 0.3211, 0.3463



38.9149, 0.3560, 0.3388



21.0093, 0.3218, 0.3478



0.0000, 0.0000, 0.0000



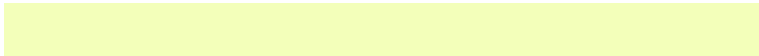
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4405, 0.3394, 0.3856



94.0488, 0.3453, 0.3987



49.9227, 0.3215, 0.3889



11.6634, 0.3238, 0.3519



30.2436, 0.3881, 0.5301



1.3313, 0.3955, 0.5242

Inverse Universe

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



33.9130, 0.2821, 0.2681



54.4866, 0.2741, 0.2527



36.3081, 0.3015, 0.2715



9.8335, 0.3011, 0.3054



2.8223, 0.1589, 0.0649



0.1493, 0.1793, 0.0761

Previews

White Background



This preview shows how the Yxy color 52.4382, 0.3394, 0.3856 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 52.4382, 0.3394, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

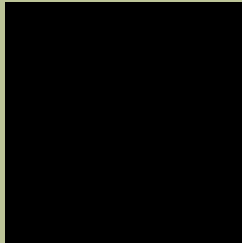
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

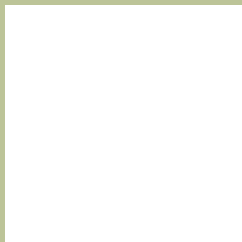
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4382, 0.3394, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 52.4382, 0.3394, 0.3856.



This preview shows how white text looks on a background with the Yxy color 52.4382, 0.3394, 0.3856.

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

52.4382, 0.3394, 0.3856

Protanopia

52.3010, 0.3561, 0.3798

Deuteranopia

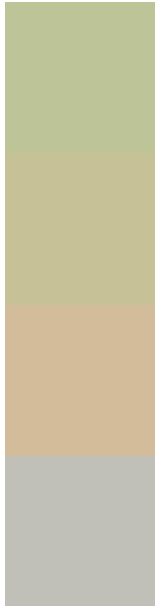
52.3020, 0.3720, 0.3643



Tritanopia

52.3569, 0.3063, 0.3108

Trichromacy



Original Color

52.4382, 0.3394, 0.3856

Protanomaly

52.3801, 0.3495, 0.3818

Deuteranomaly

51.9680, 0.3599, 0.3717

Tritanomaly

52.4085, 0.3180, 0.3378

Monochromacy



Original Color

52.4382, 0.3394, 0.3856

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.6527, 0.3224, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4382, 0.3394, 0.3856 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, 196, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 196, 152)  
}
```

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, 196, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 196, 152) }
```

Border

The CSS property to change the border of an element to Yxy 52.4382, 0.3394, 0.3856 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, 196, 152) }
```

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

```
.border{ border-color:rgb(188, 196, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 196, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 196, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 196, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 196,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4382, 0.3394, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 196, 152) }
```

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

```
.background{ background-color: rgb(188,  
196, 152) }
```

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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