

Converting Colors

Yxy(54.8854, 0.3453, 0.4055)

Have a look what the booklet for
Yxy(54.8854, 0.3453, 0.4055)
contains.

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Color

Yxy(54.8854, 0.3453, 0.4055)

Conversions

Conversions Part 1

Format	Color
Hex	BCCA8E
RGB	188, 202, 142
RGB Percent	74%, 79%, 56%
CMY	0.2629, 0.2078, 0.4430
CMYK	0.07, 0.00, 0.30, 0.21
HSL	74°, 36%, 67%
HSV	74°, 30%, 79%
XYZ	46.7372, 54.8854, 33.7298
YIQ	190.9740, 10.9160, -21.6280

Conversions

Conversions Part 2

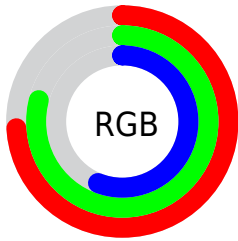
Format	Color
RYB	142, 202, 156
Decimal	12372622
CIELab	78.98, -14.73, 28.42
CIELCh	79, 32.013, 117.389
Yxy	54.8854, 0.3453, 0.4055
Android (android.graphics.Color)	4290562702 (0xFFBCCA8E)
YUV	190.9740, -24.1442, -2.6082
Hunter-Lab	74.0847, -17.0394, 24.8653

Details

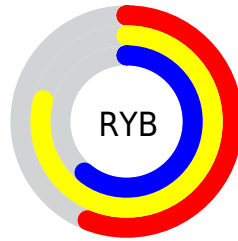
The Yxy color **54.8854, 0.3453, 0.4055** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.6922, 0.2730, 0.2460**, and the grayscale version is **52.2216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9180, 0.3411, 0.3883**, and **27.0035, 0.3527, 0.4270** is the 20% darker color. If you saturate the color by 10%, you get **53.7441, 0.3555, 0.4322**, and if you desaturate by 10%, it is **56.1612, 0.3344, 0.3788**.

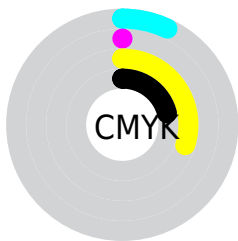
Distribution



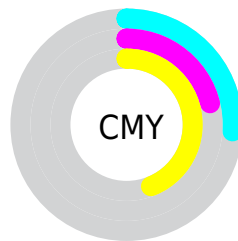
- Red (74%)
- Green (79%)
- Blue (56%)



- Red (56%)
- Yellow (79%)
- Blue (61%)



- Cyan (7%)
- Magenta (0%)
- Yellow (30%)
- Black (21%)




- Cyan (26%)
- Magenta (21%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8854, 0.3453, 0.4055 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 54.8854, 0.3453, 0.4055 by changing the saturation by 10% instead.


 54.8854, 0.3453,
0.4055

 54.8854, 0.3453,
0.4055


405.4774, 0.3302,
0.3674

 39.3100, 0.3486,
0.4149

 97.3730, 0.3401,
0.3918

 27.0010, 0.3527,
0.4267


 125.0540, 0.3381,
0.3866

 17.5739, 0.3575,
0.4423


 157.5390, 0.3363,
0.3822

 10.6445, 0.3634,
0.4635

195.2123, 0.3348,
0.3784

 5.8284, 0.3700,
0.4934

238.4585, 0.3335,
0.3751

 2.7410, 0.3863,
0.5532

287.6617, 0.3323,

 0.9981, 0.3695,

0.3722

0.6305

343.2066, 0.3312,
0.3697

0.0000, 0.0000,
0.0000

54.8854, 0.3453,
0.4055

54.8854, 0.3453,
0.4055

53.7441, 0.3555,
0.4322

56.1612, 0.3344,
0.3788

52.7239, 0.3646,
0.4579

57.5700, 0.3233,
0.3529

51.8205, 0.3720,
0.4816

59.1193, 0.3124,
0.3283

51.0266, 0.3772,
0.5020

60.8144, 0.3018,
0.3053

50.3336, 0.3800,
0.5184

62.6598, 0.2918,
0.2841

■ 49.7317, 0.3802,
0.5301

■ 64.1186, 0.2875,
0.2727

■ 49.2030, 0.3783,
0.5377

■ 64.8509, 0.2908,
0.2732

■ 49.1874, 0.3782,
0.5379

■ 65.6042, 0.2941,
0.2738

■ 66.3785, 0.2975,
0.2743

Harmonies

Analogous

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



54.8854, 0.3800, 0.3956



54.8854, 0.3453, 0.4055



54.8854, 0.3033, 0.3915

Triad

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



54.8854, 0.3453, 0.4055



54.8854, 0.2349, 0.2813



54.8854, 0.3599, 0.3022

Complementary

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



54.8854, 0.3453, 0.4055



30.6922, 0.2730, 0.2460

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.



54.8854, 0.3178, 0.2761



54.8854, 0.3453, 0.4055



54.8854, 0.2475, 0.2632

Square

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



54.8854, 0.3453, 0.4055



54.8854, 0.2412, 0.3149



54.8854, 0.2769, 0.2620



54.8854, 0.3897, 0.3352

Rectangle

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



54.8854, 0.3453, 0.4055



54.8854, 0.2770, 0.3698



54.8854, 0.2769, 0.2620



54.8854, 0.3466, 0.2924

Sweetspot

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



54.8878, 0.3453, 0.4055



97.6041, 0.3227, 0.3514



38.2956, 0.3731, 0.3473



20.8124, 0.3243, 0.3552



0.0000, 0.0000, 0.0000



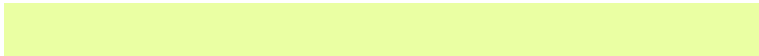
21.4041, 0.3127, 0.3290

Same Dimension

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



54.8878, 0.3453, 0.4055



91.5806, 0.3523, 0.4237



51.4717, 0.3209, 0.4118



12.9592, 0.3230, 0.3521



31.6893, 0.3788, 0.5374



1.6678, 0.3871, 0.5308

Inverse Universe

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



30.6922, 0.2730, 0.2460



43.7616, 0.2618, 0.2241



34.0585, 0.3007, 0.2523



10.9686, 0.3018, 0.3053



3.1716, 0.1635, 0.0674



0.1993, 0.1839, 0.0787

Previews

White Background



This preview shows how the Yxy color 54.8854, 0.3453, 0.4055 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 54.8854, 0.3453, 0.4055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

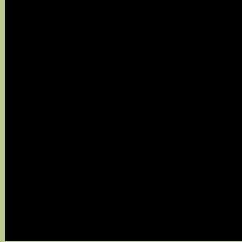
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.8854, 0.3453, 0.4055

Background



This preview shows how black text looks on a background with the Yxy color 54.8854, 0.3453, 0.4055.



This preview shows how white text looks on a background with the Yxy color 54.8854, 0.3453, 0.4055.

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

54.8854, 0.3453, 0.4055

Protanopia

54.5959, 0.3687, 0.3967

Deuteranopia

54.5739, 0.3856, 0.3769



Tritanopia

54.6137, 0.3041, 0.3099

Trichromacy



Original Color

54.8854, 0.3453, 0.4055

Protanomaly

54.8382, 0.3600, 0.4005

Deuteranomaly

54.1600, 0.3703, 0.3864

Tritanomaly

54.4520, 0.3193, 0.3426

Monochromacy



Original Color

54.8854, 0.3453, 0.4055

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9945, 0.3252, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8854, 0.3453, 0.4055 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, 202, 142)` looks like.

```
.text, #text, p{  
    color:rgb(188, 202, 142)  
}
```

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, 202, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 202, 142) }
```

Border

The CSS property to change the border of an element to Yxy 54.8854, 0.3453, 0.4055 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, 202, 142) }
```

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

```
.border{ border-color:rgb(188, 202, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 202, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 202, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 202, 142);  
box-shadow:4px 4px 4px 4px rgb(188, 202,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8854, 0.3453, 0.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 202, 142) }
```

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

```
.background{ background-color: rgb(188,  
202, 142) }
```

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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