

Converting Colors

Yxy(53.9198, 0.3703, 0.4049)

Have a look what the booklet for
Yxy(53.9198, 0.3703, 0.4049)
contains.

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Color

Yxy(53.8455, 0.3698, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	CEC385
RGB	206, 195, 133
RGB Percent	81%, 76%, 52%
CMY	0.1922, 0.2353, 0.4783
CMYK	0.00, 0.05, 0.35, 0.19
HSL	51°, 43%, 66%
HSV	51°, 35%, 81%
XYZ	49.2020, 53.8455, 30.0029
YIQ	191.2210, 26.4580, -16.9500

Conversions

Conversions Part 2

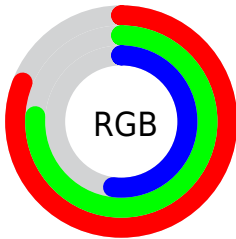
Format	Color
R_{YB}	146, 206, 133
Decimal	13550469
CIE Lab	78.37, -5.31, 32.56
CIE LCh	78, 32.993, 99.254
Yxy	53.8455, 0.3698, 0.4047
Android (android.graphics.Color)	4291740549 (0xFFCEC385)
YUV	191.2210, -28.7030, 12.9612
Hunter-Lab	73.3795, -8.7272, 27.1236

Details

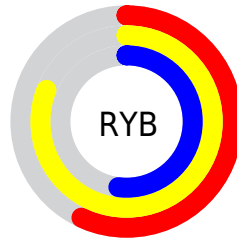
The Yxy color **53.8455, 0.3698, 0.4047** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.3976, 0.2511, 0.2397**, and the grayscale version is **52.3957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8422, 0.3541, 0.3923**, and **26.5345, 0.3844, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **51.9578, 0.3865, 0.4252**, and if you desaturate by 10%, it is **55.8787, 0.3529, 0.3832**.

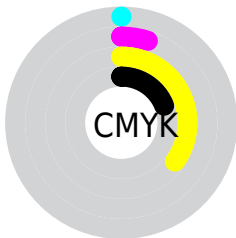
Distribution



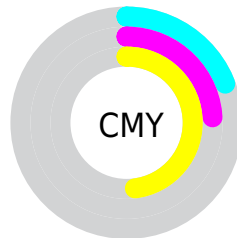
- Red (81%)
- Green (76%)
- Blue (52%)



- Red (57%)
- Yellow (81%)
- Blue (52%)



- Cyan (0%)
- Magenta (5%)
- Yellow (35%)
- Black (19%)




- Cyan (19%)
- Magenta (24%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8455, 0.3698, 0.4047 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 53.8455, 0.3698, 0.4047 by changing the saturation by 10% instead.

 53.8455, 0.3698,
0.4047

 53.8455, 0.3698,
0.4047

401.5206, 0.3426,
0.3678

 38.4782, 0.3760,
0.4135

 95.8474, 0.3603,
0.3916

 26.3540, 0.3837,
0.4244


 123.2507, 0.3566,
0.3866

 17.0887, 0.3932,
0.4384


 155.4347, 0.3535,
0.3823

 10.2977, 0.4052,
0.4566

192.7840, 0.3507,
0.3786

 5.5968, 0.4200,
0.4808

235.6828, 0.3483,
0.3754

 2.6015, 0.4600,
0.5400

284.5156, 0.3462,

 0.9274, 0.4476,

0.3725

0.5524

339.6667, 0.3443,
0.3700

0.0000, 0.0000,
0.0000

53.8455, 0.3698,
0.4047

53.8455, 0.3698,
0.4047

51.9578, 0.3865,
0.4252

55.8787, 0.3529,
0.3832

50.2014, 0.4025,
0.4438

58.0561, 0.3365,
0.3614

48.5713, 0.4171,
0.4594

60.3860, 0.3208,
0.3402

47.0594, 0.4295,
0.4712

62.8738, 0.3061,
0.3198

45.6558, 0.4393,
0.4786

65.5246, 0.2926,
0.3006

■ 44.3489, 0.4462,
0.4814

■ 68.2377, 0.2811,
0.2844

■ 43.7720, 0.4488,
0.4818

■ 69.8186, 0.2813,
0.2879

■ 71.4296, 0.2816,
0.2913

■ 73.0707, 0.2818,
0.2947

Harmonies

Analogous

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



53.8455, 0.3958, 0.3825



53.8455, 0.3698, 0.4047



53.8455, 0.3294, 0.4059

Triad

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



53.8455, 0.3698, 0.4047



53.8455, 0.2338, 0.2988



53.8455, 0.3358, 0.2837

Complementary

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



53.8455, 0.3698, 0.4047



29.3976, 0.2511, 0.2397

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.



53.8455, 0.2913, 0.2638



53.8455, 0.3698, 0.4047



53.8455, 0.2351, 0.2700

Square

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



53.8455, 0.3698, 0.4047



53.8455, 0.2518, 0.3403



53.8455, 0.2553, 0.2584



53.8455, 0.3762, 0.3141

Rectangle

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



53.8455, 0.3698, 0.4047



53.8455, 0.3002, 0.3923



53.8455, 0.2553, 0.2584



53.8455, 0.3207, 0.2757

Sweetspot

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



53.8480, 0.3698, 0.4047



95.6586, 0.3297, 0.3522



31.9557, 0.3824, 0.3136



20.3650, 0.3318, 0.3552



0.0000, 0.0000, 0.0000



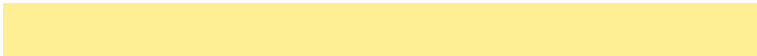
21.4041, 0.3127, 0.3290

Same Dimension

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



53.8480, 0.3698, 0.4047



85.0559, 0.3817, 0.4195



55.7371, 0.3453, 0.4228



12.7977, 0.3269, 0.3485



27.0701, 0.4483, 0.4822



1.4765, 0.4418, 0.4874

Inverse Universe

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



29.3976, 0.2511, 0.2397



40.0658, 0.2370, 0.2182



28.4446, 0.2701, 0.2293



11.1121, 0.2982, 0.3087



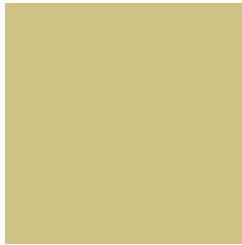
3.4372, 0.1537, 0.0733



0.2666, 0.1622, 0.1038

Previews

White Background



This preview shows how the Yxy color 53.8455, 0.3698, 0.4047 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 53.8455, 0.3698, 0.4047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

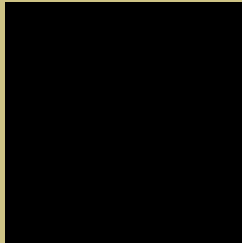
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8455, 0.3698, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 53.8455, 0.3698, 0.4047.



This preview shows how white text looks on a background with the Yxy color 53.8455, 0.3698, 0.4047.

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

53.8455, 0.3698, 0.4047

Protanopia

53.9787, 0.3738, 0.4027

Deuteranopia

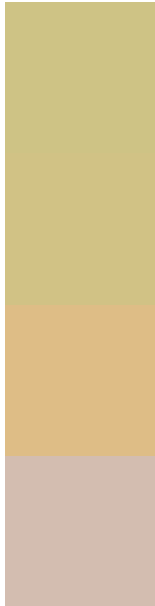
53.8560, 0.3944, 0.3870



Tritanopia

53.6310, 0.3244, 0.3116

Trichromacy



Original Color

53.8455, 0.3698, 0.4047

Protanomaly

53.8323, 0.3729, 0.4029

Deuteranomaly

53.6460, 0.3858, 0.3933

Tritanomaly

53.3787, 0.3416, 0.3447

Monochromacy



Original Color

53.8455, 0.3698, 0.4047

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.3373, 0.3330, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8455, 0.3698, 0.4047 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(206, 195, 133)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 133)  
}
```

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(206, 195, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 133) }
```

Border

The CSS property to change the border of an element to Yxy 53.8455, 0.3698, 0.4047 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(206, 195, 133) }
```

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

```
.border{ border-color:rgb(206, 195, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 133);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8455, 0.3698, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 133) }
```

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

```
.background{ background-color: rgb(206,  
195, 133) }
```

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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