

Converting Colors

Yxy(53.4660, 0.3482, 0.3744)

Have a look what the booklet for
Yxy(53.4660, 0.3482, 0.3744)
contains.

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Color

Yxy(53.5745, 0.3480, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	CAC29D
RGB	202, 194, 157
RGB Percent	79%, 76%, 62%
CMY	0.2077, 0.2392, 0.3843
CMYK	0.00, 0.04, 0.22, 0.21
HSL	49°, 30%, 70%
HSV	49°, 22%, 79%
XYZ	49.7437, 53.5745, 39.6234
YIQ	192.1740, 16.6450, -9.8110

Conversions

Conversions Part 2

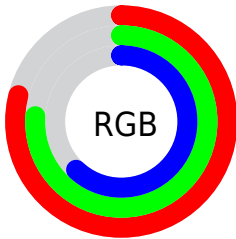
Format	Color
RYB	167, 202, 157
Decimal	13288093
CIELab	78.21, -3.15, 19.65
CIElCh	78, 19.899, 99.120
Yxy	53.5745, 0.3480, 0.3748
Android (android.graphics.Color)	4291478173 (0xFFCAC29D)
YUV	192.1740, -17.3408, 8.6174
Hunter-Lab	73.1946, -6.7805, 19.1400

Details

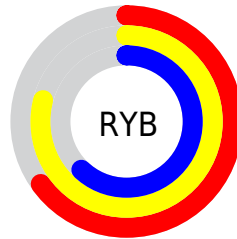
The Yxy color **53.5745, 0.3480, 0.3748** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.3690, 0.2762, 0.2786**, and the grayscale version is **52.9198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3847, 0.3389, 0.3664**, and **26.3863, 0.3570, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **51.3547, 0.3651, 0.3959**, and if you desaturate by 10%, it is **55.9523, 0.3316, 0.3538**.

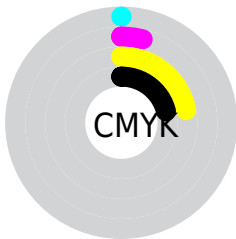
Distribution



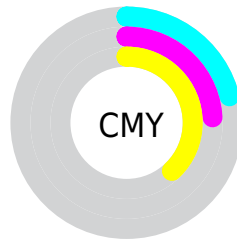
- Red (79%)
- Green (76%)
- Blue (62%)



- Red (65%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (4%)
- Yellow (22%)
- Black (21%)




- Cyan (21%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5745, 0.3480, 0.3748 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 53.5745, 0.3480, 0.3748 by changing the saturation by 10% instead.


 53.5745, 0.3480,
0.3748


 53.5745, 0.3480,
0.3748


400.4854, 0.3309,
0.3523

 38.2616, 0.3521,
0.3803


 95.4492, 0.3419,
0.3667

 26.1858, 0.3572,
0.3872


 122.7798, 0.3396,
0.3637

 16.9627, 0.3638,
0.3962


154.8850, 0.3376,
0.3611

 10.2079, 0.3726,
0.4083

192.1494, 0.3359,
0.3589

 5.5370, 0.3848,
0.4257

234.9572, 0.3344,
0.3569

 2.5657, 0.4029,
0.4523

283.6929, 0.3331,

 0.9094, 0.4640,

0.3552

0.5360

338.7408, 0.3319,
0.3537

0.0000, 0.0000,
0.0000

53.5745, 0.3480,
0.3748

53.5745, 0.3480,
0.3748

51.3547, 0.3651,
0.3959

55.9523, 0.3316,
0.3538

49.2798, 0.3824,
0.4162

58.4864, 0.3161,
0.3335

47.3458, 0.3994,
0.4351

61.1844, 0.3018,
0.3142

45.5459, 0.4153,
0.4513

64.0511, 0.2886,
0.2961

43.8722, 0.4294,
0.4641

66.8941, 0.2785,
0.2824

■ 42.3160, 0.4411,
0.4725

■ 68.7207, 0.2787,
0.2864

■ 40.8666, 0.4499,
0.4764

■ 70.5879, 0.2790,
0.2904

■ 39.8070, 0.4551,
0.4769

■ 72.4960, 0.2793,
0.2944

■ 74.4453, 0.2796,
0.2984

Harmonies

Analogous

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



53.5745, 0.3631, 0.3627



53.5745, 0.3480, 0.3748



53.5745, 0.3237, 0.3743

Triad

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



53.5745, 0.3480, 0.3748



53.5745, 0.2638, 0.3118



53.5745, 0.3270, 0.3008

Complementary

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



53.5745, 0.3480, 0.3748



38.3690, 0.2762, 0.2786

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.



53.5745, 0.3000, 0.2881



53.5745, 0.3480, 0.3748



53.5745, 0.2645, 0.2934

Square

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



53.5745, 0.3480, 0.3748



53.5745, 0.2755, 0.3364



53.5745, 0.2774, 0.2852



53.5745, 0.3508, 0.3203

Rectangle

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



53.5745, 0.3480, 0.3748



53.5745, 0.3059, 0.3661



53.5745, 0.2774, 0.2852



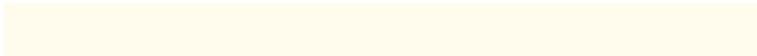
53.5745, 0.3179, 0.2956

Sweetspot

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



53.5769, 0.3480, 0.3748



96.8842, 0.3234, 0.3432



39.4077, 0.3496, 0.3186



20.6811, 0.3243, 0.3444



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.



53.5769, 0.3480, 0.3748



88.7288, 0.3566, 0.3855



55.3586, 0.3342, 0.3862



12.7423, 0.3270, 0.3479



25.7224, 0.4545, 0.4773



1.4185, 0.4465, 0.4837

Inverse Universe

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



38.3690, 0.2762, 0.2786



58.2756, 0.2669, 0.2653



37.0738, 0.2876, 0.2694



11.1629, 0.2982, 0.3094



3.6539, 0.1548, 0.0773



0.2900, 0.1643, 0.1113

Previews

White Background



This preview shows how the Yxy color 53.5745, 0.3480, 0.3748 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 53.5745, 0.3480, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

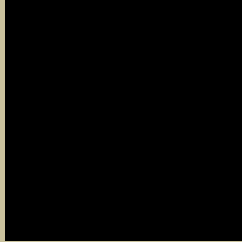
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

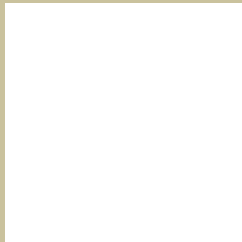
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.5745, 0.3480, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 53.5745, 0.3480, 0.3748.



This preview shows how white text looks on a background with the Yxy color 53.5745, 0.3480, 0.3748.

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

53.5745, 0.3480, 0.3748

Protanopia

53.5534, 0.3508, 0.3733

Deuteranopia

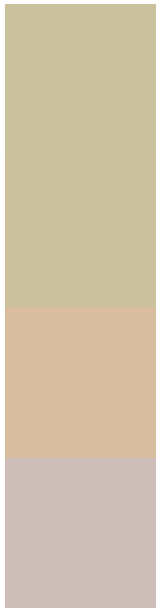
53.4683, 0.3680, 0.3606



Tritanopia

53.6406, 0.3184, 0.3125

Trichromacy



Original Color

53.5745, 0.3480, 0.3748

Protanomaly

53.4116, 0.3500, 0.3734

Deuteranomaly

53.4627, 0.3608, 0.3661

Tritanomaly

53.4939, 0.3291, 0.3339

Monochromacy



Original Color

53.5745, 0.3480, 0.3748

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.1304, 0.3258, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5745, 0.3480, 0.3748 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(202, 194, 157)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 157)  
}
```

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(202, 194, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 157) }
```

Border

The CSS property to change the border of an element to Yxy 53.5745, 0.3480, 0.3748 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(202, 194, 157) }
```

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

```
.border{ border-color:rgb(202, 194, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 157);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5745, 0.3480, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 157) }
```

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

```
.background{ background-color: rgb(202,  
194, 157) }
```

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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