

Converting Colors

Yxy(53.0854, 0.3611, 0.3948)

Have a look what the booklet for
Yxy(53.0854, 0.3611, 0.3948)
contains.

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Color

Yxy(53.0632, 0.3605, 0.3948)

Conversions

Conversions Part 1

Format	Color
Hex	CAC28D
RGB	202, 194, 141
RGB Percent	79%, 76%, 55%
CMY	0.2079, 0.2392, 0.4470
CMYK	0.00, 0.04, 0.30, 0.21
HSL	52°, 37%, 67%
HSV	52°, 30%, 79%
XYZ	48.4531, 53.0632, 32.8890
YIQ	190.3500, 21.7810, -14.7870

Conversions

Conversions Part 2

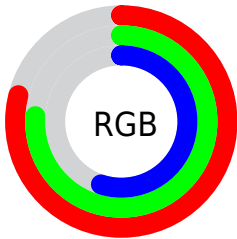
Format	Color
RYB	150, 202, 141
Decimal	13288077
CIELab	77.91, -5.37, 27.73
CIELCh	78, 28.242, 100.968
Yxy	53.0632, 0.3605, 0.3948
Android (android.graphics.Color)	4291478157 (0xFFCAC28D)
YUV	190.3500, -24.3296, 10.2170
Hunter-Lab	72.8445, -8.7472, 24.2220

Details

The Yxy color **53.0632, 0.3605, 0.3948** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.4138, 0.2611, 0.2533**, and the grayscale version is **51.8386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5713, 0.3494, 0.3834**, and **25.9910, 0.3724, 0.4135** is the 20% darker color. If you saturate the color by 10%, you get **51.3531, 0.3770, 0.4163**, and if you desaturate by 10%, it is **54.9086, 0.3440, 0.3727**.

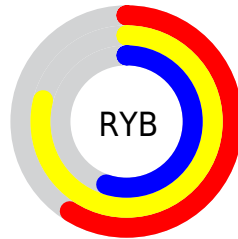
Distribution



Red (79%)

Green (76%)

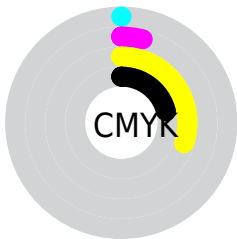
Blue (55%)



Red (59%)

Yellow (79%)

Blue (55%)

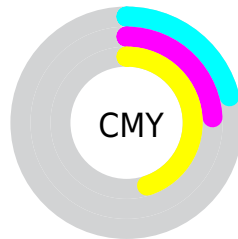


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (21%)



Cyan (21%)


Magenta (24%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0632, 0.3605, 0.3948 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 53.0632, 0.3605, 0.3948 by changing the saturation by 10% instead.


 53.0632, 0.3605,
0.3948

 53.0632, 0.3605,
0.3948


398.5275, 0.3376,
0.3625

 37.8532, 0.3659,
0.4026


 94.6974, 0.3524,
0.3832

 25.8688, 0.3725,
0.4124


 121.8903, 0.3493,
0.3788

 16.7255, 0.3809,
0.4251


 153.8464, 0.3467,
0.3751

 10.0390, 0.3917,
0.4420

190.9500, 0.3443,
0.3719

 5.4248, 0.4057,
0.4653

233.5856, 0.3423,
0.3691

 2.4986, 0.4384,
0.5160

282.1374, 0.3406,

 0.8759, 0.4447,

0.3666

0.5553

336.9899, 0.3390,
0.3644

0.0000, 0.0000,
0.0000

53.0632, 0.3605,
0.3948

53.0632, 0.3605,
0.3948

51.3531, 0.3770,
0.4163

54.9086, 0.3440,
0.3727

49.7651, 0.3930,
0.4364

56.8878, 0.3281,
0.3507

48.2949, 0.4079,
0.4539

59.0084, 0.3130,
0.3294

46.9351, 0.4208,
0.4681

61.2753, 0.2989,
0.3092

45.6774, 0.4314,
0.4780

63.6932, 0.2859,
0.2903

■ 44.5118, 0.4392,
0.4835

■ 65.7946, 0.2783,
0.2799

■ 43.4396, 0.4445,
0.4852

■ 67.1079, 0.2785,
0.2829

■ 68.4429, 0.2787,
0.2858

■ 69.7996, 0.2789,
0.2887

Harmonies

Analogous

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



53.0632, 0.3836, 0.3772



53.0632, 0.3605, 0.3948



53.0632, 0.3253, 0.3939

Triad

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



53.0632, 0.3605, 0.3948



53.0632, 0.2438, 0.3017



53.0632, 0.3350, 0.2910

Complementary

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



53.0632, 0.3605, 0.3948



31.4138, 0.2611, 0.2533

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.



53.0632, 0.2966, 0.2728



53.0632, 0.3605, 0.3948



53.0632, 0.2458, 0.2771

Square

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



53.0632, 0.3605, 0.3948



53.0632, 0.2587, 0.3368



53.0632, 0.2645, 0.2675



53.0632, 0.3688, 0.3181

Rectangle

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



53.0632, 0.3605, 0.3948



53.0632, 0.3001, 0.3814



53.0632, 0.2645, 0.2675



53.0632, 0.3221, 0.2837

Sweetspot

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



53.0656, 0.3605, 0.3948



96.7098, 0.3264, 0.3484



33.7795, 0.3708, 0.3186



20.5901, 0.3287, 0.3516



0.0000, 0.0000, 0.0000



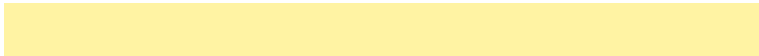
21.4041, 0.3127, 0.3290

Same Dimension

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



53.0656, 0.3605, 0.3948



88.0125, 0.3709, 0.4085



53.8139, 0.3391, 0.4086



12.8367, 0.3269, 0.3490



28.0516, 0.4441, 0.4855



1.5185, 0.4386, 0.4899

Inverse Universe

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



31.4138, 0.2611, 0.2533



45.7656, 0.2488, 0.2344



31.1395, 0.2795, 0.2461



11.0765, 0.2982, 0.3082



3.3052, 0.1530, 0.0708



0.2501, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 53.0632, 0.3605, 0.3948 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 53.0632, 0.3605, 0.3948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

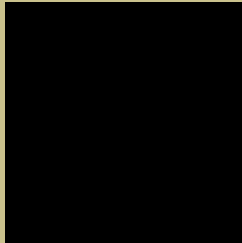
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0632, 0.3605, 0.3948

Background



This preview shows how black text looks on a background with the Yxy color 53.0632, 0.3605, 0.3948.



This preview shows how white text looks on a background with the Yxy color 53.0632, 0.3605, 0.3948.

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

53.0632, 0.3605, 0.3948

Protanopia

52.8581, 0.3664, 0.3927

Deuteranopia

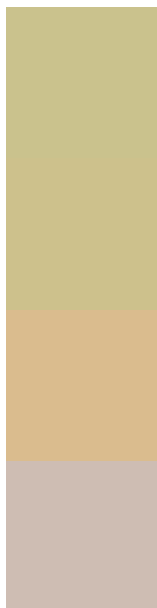
53.0120, 0.3846, 0.3777



Tritanopia

52.8902, 0.3202, 0.3113

Trichromacy



Original Color

53.0632, 0.3605, 0.3948

Protanomaly

53.0125, 0.3643, 0.3943

Deuteranomaly

52.8249, 0.3761, 0.3837

Tritanomaly

52.7717, 0.3348, 0.3412

Monochromacy



Original Color

53.0632, 0.3605, 0.3948

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7095, 0.3299, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0632, 0.3605, 0.3948 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 141) }
```

Border

The CSS property to change the border of an element to Yxy 53.0632, 0.3605, 0.3948 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, 141) }
```

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

```
.border{ border-color:rgb(202, 194, 141) }
```

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, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0632, 0.3605, 0.3948 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, 141) }
```

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

```
.background{ background-color: rgb(202,  
194, 141) }
```

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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