

Converting Colors

$Yxy(53.6353, 0.3603, 0.3788)$

Have a look what the booklet for
Yxy(53.6353, 0.3603, 0.3788)
contains.

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Color

Yxy(53.6353, 0.3603, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	D2C097
RGB	210, 192, 151
RGB Percent	82%, 75%, 59%
CMY	0.1764, 0.2470, 0.4078
CMYK	0.00, 0.09, 0.28, 0.18
HSL	42°, 40%, 71%
HSV	42°, 28%, 82%
XYZ	51.0158, 53.6353, 36.9415
YIQ	192.7080, 23.8890, -8.9350

Conversions

Conversions Part 2

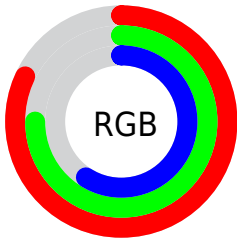
Format	Color
RYB	177, 210, 151
Decimal	13811863
CIELab	78.25, 0.10, 23.01
CIElCh	78, 23.006, 89.755
Yxy	53.6353, 0.3603, 0.3788
Android (android.graphics.Color)	4292001943 (0xFFD2C097)
YUV	192.7080, -20.5620, 15.1651
Hunter-Lab	73.2361, -3.8212, 21.3584

Details

The Yxy color **53.6353, 0.3603, 0.3788** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.6119, 0.2665, 0.2736**, and the grayscale version is **53.2623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8026, 0.3436, 0.3715**, and **26.3539, 0.3726, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **50.2616, 0.3797, 0.3969**, and if you desaturate by 10%, it is **57.2580, 0.3421, 0.3606**.

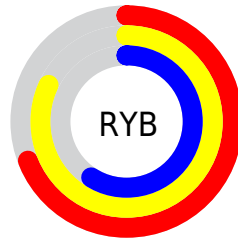
Distribution



Red (82%)

Green (75%)

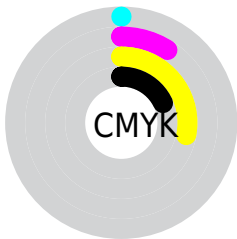
Blue (59%)



Red (69%)

Yellow (82%)

Blue (59%)

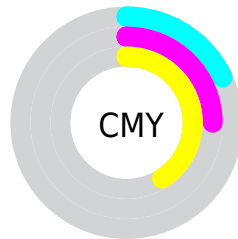


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (25%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6353, 0.3603, 0.3788 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 53.6353, 0.3603, 0.3788 by changing the saturation by 10% instead.


 53.6353, 0.3603,
0.3788


 53.6353, 0.3603,
0.3788


400.7178, 0.3372,
0.3546

 38.3102, 0.3658,
0.3846


 95.5386, 0.3521,
0.3702

 26.2235, 0.3727,
0.3918


 122.8855, 0.3489,
0.3669

 16.9909, 0.3817,
0.4011

155.0084, 0.3463,
0.3641

 10.2280, 0.3935,
0.4135

192.2918, 0.3440,
0.3617

 5.5504, 0.4098,
0.4305

235.1201, 0.3419,
0.3596

 2.5737, 0.4364,
0.4583

283.8775, 0.3402,

 0.9135, 0.4880,

0.3577

0.5120

338.9486, 0.3386,
0.3561

0.0000, 0.0000,
0.0000

53.6353, 0.3603,
0.3788

53.6353, 0.3603,
0.3788

50.2616, 0.3797,
0.3969

57.2580, 0.3421,
0.3606

47.1215, 0.3999,
0.4141

61.1299, 0.3252,
0.3428

44.2090, 0.4201,
0.4295

65.2604, 0.3099,
0.3259

41.5145, 0.4395,
0.4418

69.6563, 0.2961,
0.3099

39.0276, 0.4572,
0.4502

74.2591, 0.2844,
0.2962

■ 36.7361, 0.4723,
0.4537

■ 77.7701, 0.2847,
0.3031

■ 34.6232, 0.4843,
0.4524

■ 81.4124, 0.2851,
0.3099

■ 34.2369, 0.4864,
0.4520

■ 85.1873, 0.2854,
0.3167

■ 89.0961, 0.2858,
0.3234

Harmonies

Analogous

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



53.6353, 0.3733, 0.3610



53.6353, 0.3603, 0.3788



53.6353, 0.3347, 0.3835

Triad

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



53.6353, 0.3603, 0.3788



53.6353, 0.2592, 0.3173



53.6353, 0.3193, 0.2911

Complementary

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



53.6353, 0.3603, 0.3788



39.6119, 0.2665, 0.2736

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.



53.6353, 0.2890, 0.2798



53.6353, 0.3603, 0.3788



53.6353, 0.2555, 0.2932

Square

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



53.6353, 0.3603, 0.3788



53.6353, 0.2766, 0.3466



53.6353, 0.2661, 0.2801



53.6353, 0.3491, 0.3113

Rectangle

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



53.6353, 0.3603, 0.3788



53.6353, 0.3143, 0.3775



53.6353, 0.2661, 0.2801



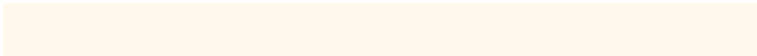
53.6353, 0.3088, 0.2861

Sweetspot

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



53.6377, 0.3603, 0.3788



94.8472, 0.3252, 0.3428



38.7269, 0.3545, 0.3059



20.1001, 0.3277, 0.3455



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.



53.6377, 0.3603, 0.3788



79.8840, 0.3724, 0.3902



60.5007, 0.3461, 0.4008



13.1633, 0.3273, 0.3451



21.0666, 0.4852, 0.4529



1.3145, 0.4703, 0.4648

Inverse Universe

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



39.6119, 0.2665, 0.2736



54.4995, 0.2552, 0.2589



34.4495, 0.2729, 0.2502



11.9976, 0.2982, 0.3124



5.2375, 0.1617, 0.1021



0.4327, 0.1721, 0.1395

Previews

White Background



This preview shows how the Yxy color 53.6353, 0.3603, 0.3788 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 53.6353, 0.3603, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

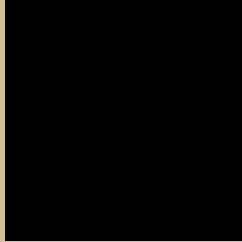
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6353, 0.3603, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 53.6353, 0.3603, 0.3788.

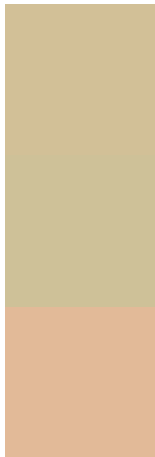


This preview shows how white text looks on a background with the Yxy color 53.6353, 0.3603, 0.3788.

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

53.6353, 0.3603, 0.3788

Protanopia

53.5287, 0.3557, 0.3793

Deuteranopia

53.5536, 0.3757, 0.3685



Tritanopia

53.4670, 0.3269, 0.3116

Trichromacy



Original Color

53.6353, 0.3603, 0.3788

Protanomaly

53.6723, 0.3566, 0.3792

Deuteranomaly

53.4491, 0.3696, 0.3716

Tritanomaly

53.6400, 0.3394, 0.3362

Monochromacy



Original Color

53.6353, 0.3603, 0.3788

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4964, 0.3291, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6353, 0.3603, 0.3788 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(210, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 151)  
}
```

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(210, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 151) }
```

Border

The CSS property to change the border of an element to Yxy 53.6353, 0.3603, 0.3788 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(210, 192, 151) }
```

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

```
.border{ border-color:rgb(210, 192, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(210, 192,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6353, 0.3603, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 151) }
```

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

```
.background{ background-color: rgb(210,  
192, 151) }
```

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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