

Converting Colors

Yxy(53.7564, 0.3587, 0.3749)

Have a look what the booklet for
Yxy(53.7564, 0.3587, 0.3749)
contains.

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Color

Yxy(53.8813, 0.3588, 0.3750)

Conversions

Conversions Part 1

Format	Color
Hex	D3C09A
RGB	211, 192, 154
RGB Percent	83%, 75%, 60%
CMY	0.1724, 0.2471, 0.3961
CMYK	0.00, 0.09, 0.27, 0.17
HSL	40°, 39%, 72%
HSV	40°, 27%, 83%
XYZ	51.5536, 53.8813, 38.2485
YIQ	193.3490, 23.5220, -7.7900

Conversions

Conversions Part 2

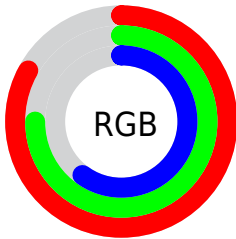
Format	Color
R _{YB}	183, 211, 154
Decimal	13877402
CIE Lab	78.39, 0.90, 21.63
CIE LCh	78, 21.647, 87.614
Yxy	53.8813, 0.3588, 0.3750
Android (android.graphics.Color)	4292067482 (0xFFD3C09A)
YUV	193.3490, -19.3991, 15.4799
Hunter-Lab	73.4039, -3.0912, 20.4885

Details

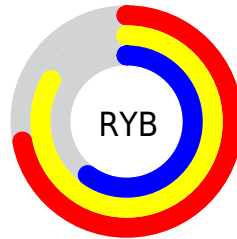
The Yxy color **53.8813, 0.3588, 0.3750** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.4736, 0.2686, 0.2782**, and the grayscale version is **53.6537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9983, 0.3411, 0.3675**, and **26.5124, 0.3706, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **50.2212, 0.3786, 0.3925**, and if you desaturate by 10%, it is **57.8180, 0.3404, 0.3575**.

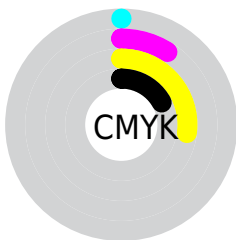
Distribution



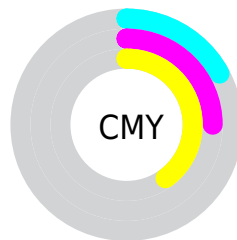
- Red (83%)
- Green (75%)
- Blue (60%)



- Red (72%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (27%)
- Black (17%)





- Cyan (17%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8813, 0.3588, 0.3750 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 53.8813, 0.3588, 0.3750 by changing the saturation by 10% instead.

 53.8813, 0.3588,
0.3750

 53.8813, 0.3588,
0.3750


401.6572, 0.3364,
0.3527

 38.5068, 0.3642,
0.3803

 95.8999, 0.3508,
0.3671

 26.3762, 0.3709,
0.3870


 123.3128, 0.3478,
0.3641

 17.1053, 0.3796,
0.3955


155.5073, 0.3452,
0.3615

 10.3096, 0.3913,
0.4069

192.8678, 0.3429,
0.3592

 5.6047, 0.4074,
0.4227

235.7786, 0.3410,
0.3573

 2.6063, 0.4324,
0.4467

284.6242, 0.3393,

 0.9298, 0.4937,

0.3556

0.5063

339.7889, 0.3377,
0.3541

0.0000, 0.0000,
0.0000

53.8813, 0.3588,
0.3750

53.8813, 0.3588,
0.3750

50.2212, 0.3786,
0.3925

57.8180, 0.3404,
0.3575

46.8220, 0.3994,
0.4093

62.0320, 0.3236,
0.3405

43.6767, 0.4205,
0.4243

66.5333, 0.3084,
0.3243

40.7756, 0.4412,
0.4365

71.3291, 0.2948,
0.3092

38.1075, 0.4603,
0.4448

76.1326, 0.2852,
0.2997

■ 35.6599, 0.4770,
0.4483

■ 80.0707, 0.2855,
0.3072

■ 33.4168, 0.4904,
0.4468

■ 84.1683, 0.2859,
0.3147

■ 32.7832, 0.4942,
0.4458

■ 88.4273, 0.2863,
0.3221

■ 92.5946, 0.2866,
0.3289

Harmonies

Analogous

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



53.8813, 0.3699, 0.3577



53.8813, 0.3588, 0.3750



53.8813, 0.3354, 0.3803

Triad

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



53.8813, 0.3588, 0.3750



53.8813, 0.2631, 0.3200



53.8813, 0.3168, 0.2921

Complementary

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



53.8813, 0.3588, 0.3750



41.4736, 0.2686, 0.2782

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.



53.8813, 0.2886, 0.2822



53.8813, 0.3588, 0.3750



53.8813, 0.2586, 0.2967

Square

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



53.8813, 0.3588, 0.3750



53.8813, 0.2804, 0.3475



53.8813, 0.2677, 0.2835



53.8813, 0.3451, 0.3108

Rectangle

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



53.8813, 0.3588, 0.3750



53.8813, 0.3163, 0.3753



53.8813, 0.2677, 0.2835



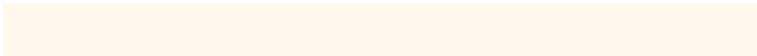
53.8813, 0.3070, 0.2877

Sweetspot

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



53.8837, 0.3588, 0.3750



94.4867, 0.3253, 0.3422



40.0159, 0.3506, 0.3045



20.0090, 0.3277, 0.3448



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.



53.8837, 0.3588, 0.3750



79.6473, 0.3692, 0.3843



61.5643, 0.3464, 0.3977



13.1049, 0.3274, 0.3444



19.9719, 0.4928, 0.4469



1.2595, 0.4760, 0.4602

Inverse Universe

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



41.4736, 0.2686, 0.2782



57.7557, 0.2592, 0.2665



35.5507, 0.2730, 0.2533



12.0533, 0.2982, 0.3131



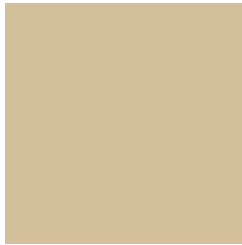
5.6845, 0.1637, 0.1092



0.4627, 0.1741, 0.1468

Previews

White Background



This preview shows how the Yxy color 53.8813, 0.3588, 0.3750 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 53.8813, 0.3588, 0.3750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

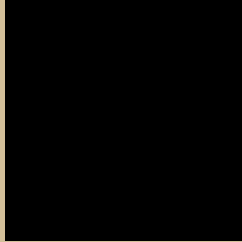
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8813, 0.3588, 0.3750

Background



This preview shows how black text looks on a background with the Yxy color 53.8813, 0.3588, 0.3750.



This preview shows how white text looks on a background with the Yxy color 53.8813, 0.3588, 0.3750.

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

53.8813, 0.3588, 0.3750

Protanopia

54.0719, 0.3530, 0.3768

Deuteranopia

53.6531, 0.3731, 0.3651



Tritanopia

54.0397, 0.3277, 0.3129

Trichromacy



Original Color

53.8813, 0.3588, 0.3750

Protanomaly

53.9164, 0.3550, 0.3753

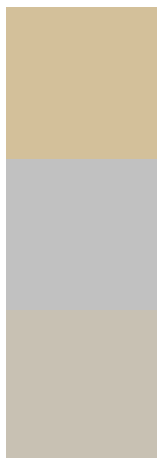
Deuteranomaly

53.7051, 0.3680, 0.3679

Tritanomaly

53.8324, 0.3395, 0.3350

Monochromacy



Original Color

53.8813, 0.3588, 0.3750

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.6740, 0.3292, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8813, 0.3588, 0.3750 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(211, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(211, 192, 154)  
}
```

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(211, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 192, 154) }
```

Border

The CSS property to change the border of an element to Yxy 53.8813, 0.3588, 0.3750 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(211, 192, 154) }
```

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

```
.border{ border-color:rgb(211, 192, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(211, 192,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8813, 0.3588, 0.3750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 192, 154) }
```

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

```
.background{ background-color: rgb(211,  
192, 154) }
```

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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