

Converting Colors

Yxy(53.8312, 0.3402, 0.3735)

Have a look what the booklet for
Yxy(53.8312, 0.3402, 0.3735)
contains.

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Color

Yxy(53.8882, 0.3409, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	C5C4A0
RGB	197, 196, 160
RGB Percent	77%, 77%, 63%
CMY	0.2273, 0.2314, 0.3725
CMYK	0.00, 0.01, 0.19, 0.23
HSL	58°, 24%, 70%
HSV	58°, 19%, 77%
XYZ	49.1190, 53.8882, 41.0789
YIQ	192.1950, 12.1520, -10.9840

Conversions

Conversions Part 2

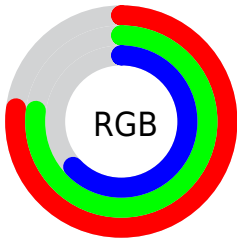
Format	Color
RYB	161, 197, 160
Decimal	12960928
CIELab	78.40, -5.64, 18.24
CIELCh	78, 19.088, 107.182
Yxy	53.8882, 0.3409, 0.3740
Android (android.graphics.Color)	4291151008 (0xFFC5C4A0)
YUV	192.1950, -15.8721, 4.2140
Hunter-Lab	73.4086, -9.0276, 18.2077

Details

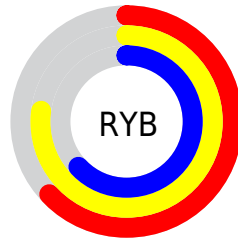
The Yxy color **53.8882, 0.3409, 0.3740** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.0198, 0.2821, 0.2796**, and the grayscale version is **52.9259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2277, 0.3360, 0.3663**, and **26.2684, 0.3487, 0.3864** is the 20% darker color. If you saturate the color by 10%, you get **53.0050, 0.3562, 0.3983**, and if you desaturate by 10%, it is **54.8864, 0.3257, 0.3498**.

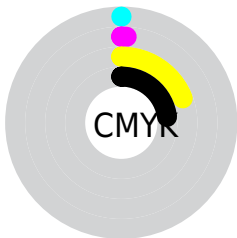
Distribution



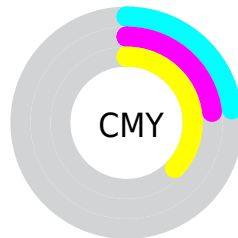
- Red (77%)
- Green (77%)
- Blue (63%)



- Red (63%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (1%)
- Yellow (19%)
- Black (23%)




- Cyan (23%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8882, 0.3409, 0.3740 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 53.8882, 0.3409, 0.3740 by changing the saturation by 10% instead.


 53.8882, 0.3409,
0.3740

 53.8882, 0.3409,
0.3740


401.6835, 0.3273,
0.3518

 38.5123, 0.3441,
0.3794


 95.9101, 0.3361,
0.3660

 26.3805, 0.3482,
0.3863


 123.3248, 0.3342,
0.3630

 17.1085, 0.3533,
0.3954


155.5213, 0.3327,
0.3604

 10.3119, 0.3602,
0.4077

192.8839, 0.3313,
0.3582

 5.6062, 0.3697,
0.4255

235.7970, 0.3301,
0.3563

 2.6072, 0.3833,
0.4530

284.6451, 0.3291,

 0.9303, 0.4450,

0.3546

0.5550

339.8125, 0.3282,
0.3531

0.0000, 0.0000,
0.0000

53.8882, 0.3409,
0.3740

53.8882, 0.3409,
0.3740

53.0050, 0.3562,
0.3983

54.8864, 0.3257,
0.3498

52.2246, 0.3712,
0.4218

55.9972, 0.3110,
0.3262

51.5436, 0.3852,
0.4437

57.2275, 0.2970,
0.3038

50.9562, 0.3976,
0.4629

58.5816, 0.2840,
0.2828

50.4555, 0.4080,
0.4786

59.8336, 0.2741,
0.2669

■ 50.0339, 0.4158,
0.4902

■ 60.0887, 0.2741,
0.2675

■ 49.6824, 0.4211,
0.4974

■ 60.3448, 0.2742,
0.2681

■ 49.3862, 0.4240,
0.5009

■ 60.6018, 0.2742,
0.2688

■ 49.3515, 0.4243,
0.5013

■ 60.8598, 0.2743,
0.2694

Harmonies

Analogous

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



53.8882, 0.3582, 0.3654



53.8882, 0.3409, 0.3740



53.8882, 0.3164, 0.3698

Triad

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



53.8882, 0.3409, 0.3740



53.8882, 0.2648, 0.3070



53.8882, 0.3331, 0.3065

Complementary

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



53.8882, 0.3409, 0.3740



37.0198, 0.2821, 0.2796

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.



53.8882, 0.3074, 0.2922



53.8882, 0.3409, 0.3740



53.8882, 0.2687, 0.2917

Square

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



53.8882, 0.3409, 0.3740



53.8882, 0.2730, 0.3296



53.8882, 0.2840, 0.2867



53.8882, 0.3539, 0.3264

Rectangle

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



53.8882, 0.3409, 0.3740



53.8882, 0.2995, 0.3598



53.8882, 0.2840, 0.2867



53.8882, 0.3247, 0.3009

Sweetspot

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



53.8906, 0.3409, 0.3740



98.7791, 0.3217, 0.3433



39.6059, 0.3478, 0.3275



21.1154, 0.3226, 0.3449



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.



53.8906, 0.3409, 0.3740



95.7333, 0.3479, 0.3851



52.1616, 0.3262, 0.3774



12.3638, 0.3266, 0.3512



32.4697, 0.4242, 0.5013



1.5539, 0.4231, 0.5022

Inverse Universe

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



37.0198, 0.2821, 0.2796



59.3909, 0.2736, 0.2659



38.5631, 0.2970, 0.2804



10.3345, 0.2983, 0.3058



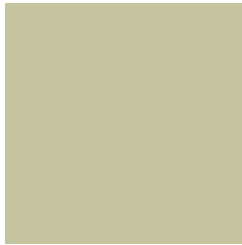
2.7512, 0.1506, 0.0620



0.1474, 0.1526, 0.0692

Previews

White Background



This preview shows how the Yxy color 53.8882, 0.3409, 0.3740 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 53.8882, 0.3409, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

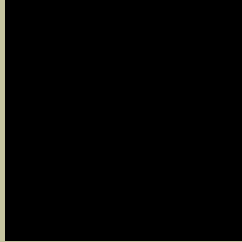
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

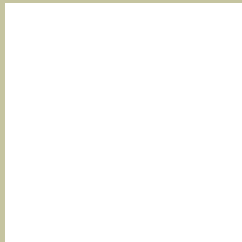
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.8882, 0.3409, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 53.8882, 0.3409, 0.3740.



This preview shows how white text looks on a background with the Yxy color 53.8882, 0.3409, 0.3740.

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

53.8882, 0.3409, 0.3740

Protanopia

53.6223, 0.3492, 0.3708

Deuteranopia

53.5737, 0.3654, 0.3571



Tritanopia

53.9312, 0.3119, 0.3112

Trichromacy



Original Color

53.8882, 0.3409, 0.3740

Protanomaly

53.6433, 0.3464, 0.3723

Deuteranomaly

53.6963, 0.3563, 0.3638

Tritanomaly

53.7909, 0.3224, 0.3327

Monochromacy



Original Color

53.8882, 0.3409, 0.3740

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.9045, 0.3234, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8882, 0.3409, 0.3740 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(197, 196, 160)` looks like.

```
.text, #text, p{  
    color:rgb(197, 196, 160)  
}
```

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(197, 196, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 196, 160) }
```

Border

The CSS property to change the border of an element to Yxy 53.8882, 0.3409, 0.3740 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(197, 196, 160) }
```

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

```
.border{ border-color:rgb(197, 196, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 196, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 196, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 196, 160); box-shadow:4px 4px 4px 4px rgb(197, 196, 160) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8882, 0.3409, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 196, 160) }
```

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

```
.background{ background-color: rgb(197,  
196, 160) }
```

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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