

Converting Colors

Yxy(53.7820, 0.3818, 0.3839)

Have a look what the booklet for
Yxy(53.7820, 0.3818, 0.3839)
contains.

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Color

Yxy(53.7368, 0.3823, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	E0BC8D
RGB	224, 188, 141
RGB Percent	88%, 74%, 55%
CMY	0.1216, 0.2627, 0.4471
CMYK	0.00, 0.16, 0.37, 0.12
HSL	34°, 57%, 72%
HSV	34°, 37%, 88%
XYZ	53.5268, 53.7368, 32.7489
YIQ	193.4060, 36.5430, -6.9850

Conversions

Conversions Part 2

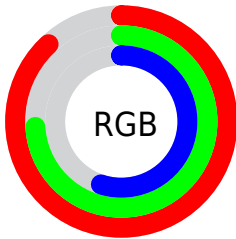
Format	Color
RYB	205, 224, 141
Decimal	14728333
CIELab	78.31, 6.40, 28.60
CIELCh	78, 29.307, 77.381
Yxy	53.7368, 0.3823, 0.3838
Android (android.graphics.Color)	4292918413 (0xFFE0BC8D)
YUV	193.4060, -25.8362, 26.8309
Hunter-Lab	73.3054, 2.0543, 24.8262

Details

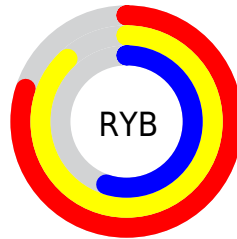
The Yxy color **53.7368, 0.3823, 0.3838** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.4741, 0.2522, 0.2668**, and the grayscale version is **53.7191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9015, 0.3507, 0.3779**, and **26.2816, 0.4002, 0.3977** is the 20% darker color. If you saturate the color by 10%, you get **49.1288, 0.4056, 0.3984**, and if you desaturate by 10%, it is **58.7637, 0.3607, 0.3686**.

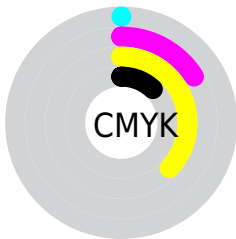
Distribution



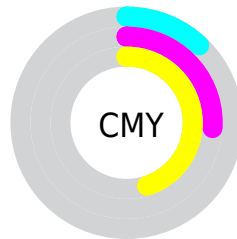
- Red (88%)
- Green (74%)
- Blue (55%)



- Red (80%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (37%)
- Black (12%)





- Cyan (12%)
- Magenta (26%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7368, 0.3823, 0.3838 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 53.7368, 0.3823, 0.3838 by changing the saturation by 10% instead.

 53.7368, 0.3823,
0.3838


 53.7368, 0.3823,
0.3838


401.1056, 0.3485,
0.3579

 38.3913, 0.3903,
0.3897


 95.6877, 0.3703,
0.3748

 26.2865, 0.4004,
0.3970


 123.0618, 0.3657,
0.3713

 17.0381, 0.4133,
0.4060


 155.2143, 0.3618,
0.3683

 10.2617, 0.4302,
0.4175

192.5295, 0.3584,
0.3656

 5.5728, 0.4531,
0.4318

235.3919, 0.3554,
0.3633

 2.5871, 0.4998,
0.4631

284.1857, 0.3528,

 0.9202, 0.5317,

0.3613

0.4683

339.2955, 0.3505,
0.3595

0.0000, 0.0000,
0.0000

53.7368, 0.3823,
0.3838

53.7368, 0.3823,
0.3838

49.1288, 0.4056,
0.3984

58.7637, 0.3607,
0.3686

44.9186, 0.4301,
0.4114

64.2147, 0.3412,
0.3535

41.0940, 0.4549,
0.4216

70.1044, 0.3238,
0.3388

37.6389, 0.4787,
0.4278

76.4444, 0.3084,
0.3250

34.5353, 0.5001,
0.4290

83.2457, 0.2948,
0.3121

■ 31.7613, 0.5179,
0.4248

■ 89.1353, 0.2938,
0.3201

■ 30.9970, 0.5229,
0.4230

■ 94.5842, 0.2940,
0.3289

Harmonies

Analogous

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



53.7368, 0.3906, 0.3562



53.7368, 0.3823, 0.3838



53.7368, 0.3550, 0.3987

Triad

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



53.7368, 0.3823, 0.3838



53.7368, 0.2523, 0.3288



53.7368, 0.3043, 0.2741

Complementary

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



53.7368, 0.3823, 0.3838



42.4741, 0.2522, 0.2668

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.



53.7368, 0.2690, 0.2655



53.7368, 0.3823, 0.3838



53.7368, 0.2406, 0.2941

Square

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



53.7368, 0.3823, 0.3838



53.7368, 0.2798, 0.3665



53.7368, 0.2465, 0.2720



53.7368, 0.3440, 0.2952

Rectangle

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



53.7368, 0.3823, 0.3838



53.7368, 0.3303, 0.3975



53.7368, 0.2465, 0.2720



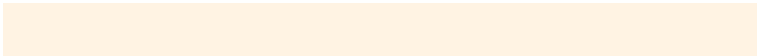
53.7368, 0.2915, 0.2697

Sweetspot

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



53.7393, 0.3823, 0.3838



90.8100, 0.3306, 0.3446



38.1215, 0.3619, 0.2854



19.2056, 0.3329, 0.3466



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.



53.7393, 0.3823, 0.3838



67.5573, 0.3991, 0.3945



70.4135, 0.3650, 0.4219



14.9828, 0.3278, 0.3423



18.2787, 0.5209, 0.4246



1.4440, 0.5010, 0.4404

Inverse Universe

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



42.4741, 0.2522, 0.2668



50.4919, 0.2399, 0.2520



30.4631, 0.2482, 0.2181



14.2156, 0.2981, 0.3154



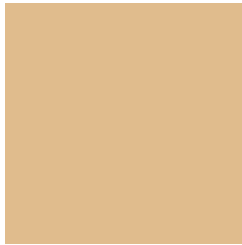
8.3378, 0.1714, 0.1370



0.7535, 0.1797, 0.1670

Previews

White Background



This preview shows how the Yxy color 53.7368, 0.3823, 0.3838 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 53.7368, 0.3823, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

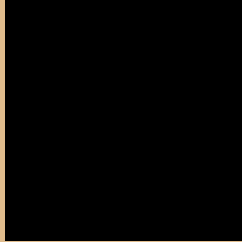
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

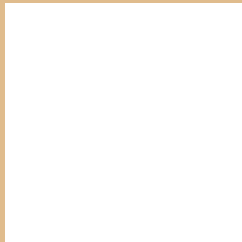
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7368, 0.3823, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 53.7368, 0.3823, 0.3838.



This preview shows how white text looks on a background with the Yxy color 53.7368, 0.3823, 0.3838.

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

53.7368, 0.3823, 0.3838

Protanopia

53.9766, 0.3642, 0.3911

Deuteranopia

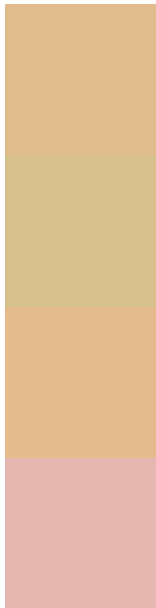
53.8639, 0.3885, 0.3805



Tritanopia

53.8109, 0.3436, 0.3134

Trichromacy



Original Color

53.7368, 0.3823, 0.3838

Protanomaly

53.9484, 0.3710, 0.3889

Deuteranomaly

53.9577, 0.3863, 0.3820

Tritanomaly

53.8701, 0.3584, 0.3394

Monochromacy



Original Color

53.7368, 0.3823, 0.3838

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.1550, 0.3368, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7368, 0.3823, 0.3838 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(224, 188, 141)` looks like.

```
.text, #text, p{  
    color:rgb(224, 188, 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(224, 188, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 188, 141) }
```

Border

The CSS property to change the border of an element to Yxy 53.7368, 0.3823, 0.3838 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(224, 188, 141) }
```

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

```
.border{ border-color:rgb(224, 188, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 188, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 188, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 188, 141);  
box-shadow:4px 4px 4px 4px rgb(224, 188,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7368, 0.3823, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 188, 141) }
```

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

```
.background{ background-color: rgb(224,  
188, 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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