

Converting Colors

$Y_{xy}(58.1302, 0.3891, 0.4038)$

Have a look what the booklet for
Yxy(58.1302, 0.3891, 0.4038)
contains.

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Color

Yxy(58.0652, 0.3897, 0.4037)

Conversions

Conversions Part 1

Format	Color
Hex	E4C583
RGB	228, 197, 131
RGB Percent	89%, 77%, 51%
CMY	0.1060, 0.2274, 0.4864
CMYK	0.00, 0.14, 0.43, 0.11
HSL	41°, 64%, 70%
HSV	41°, 43%, 89%
XYZ	56.0515, 58.0652, 29.7158
YIQ	198.7450, 39.6620, -13.9540

Conversions

Conversions Part 2

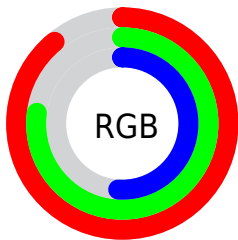
Format	Color
RYB	177, 228, 131
Decimal	14992771
CIELab	80.78, 2.16, 37.12
CIELCh	81, 37.187, 86.668
Yxy	58.0652, 0.3897, 0.4037
Android (android.graphics.Color)	4293182851 (0xFFE4C583)
YUV	198.7450, -33.3983, 25.6566
Hunter-Lab	76.2005, -2.0500, 30.2191

Details

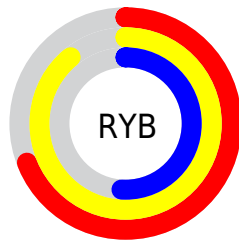
The Yxy color **58.0652, 0.3897, 0.4037** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.2420, 0.2402, 0.2401**, and the grayscale version is **57.1381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6464, 0.3546, 0.3970**, and **28.8820, 0.4089, 0.4208** is the 20% darker color. If you saturate the color by 10%, you get **54.2905, 0.4105, 0.4200**, and if you desaturate by 10%, it is **62.1408, 0.3695, 0.3861**.

Distribution



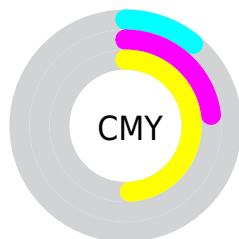
- Red (89%)
- Green (77%)
- Blue (51%)



- Red (69%)
- Yellow (89%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0652, 0.3897, 0.4037 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 58.0652, 0.3897, 0.4037 by changing the saturation by 10% instead.


 58.0652, 0.3897,
0.4037


 58.0652, 0.3897,
0.4037


417.4288, 0.3533,
0.3687

 41.8611, 0.3980,
0.4116

 102.0178, 0.3770,
0.3916

 28.9925, 0.4081,
0.4211


 130.5351, 0.3721,
0.3869

 19.0752, 0.4207,
0.4328


 163.9255, 0.3679,
0.3828

 11.7246, 0.4364,
0.4472

202.5735, 0.3642,
0.3793

 6.5564, 0.4559,
0.4646

246.8634, 0.3609,
0.3761

 3.1863, 0.4975,
0.5025

297.1797, 0.3581,

 1.2297, 0.5012,

0.3734

0.4988

353.9067, 0.3556,
0.3709

0.0858, 0.6102,
0.3898

0.0000, 0.0000,
0.0000

58.0652, 0.3897,
0.4037

58.0652, 0.3897,
0.4037

54.2905, 0.4105,
0.4200

62.1408, 0.3695,
0.3861

50.7975, 0.4310,
0.4339


66.5197, 0.3504,
0.3681


47.5763, 0.4504,
0.4442


71.2141, 0.3327,
0.3503


44.6131, 0.4676,
0.4501


76.2333, 0.3166,
0.3332


 41.8915, 0.4818,
0.4508

 81.5858, 0.3020,
0.3171

 40.0028, 0.4906,
0.4486

 86.4306, 0.2962,
0.3145

 90.8176, 0.2963,
0.3219

 95.2306, 0.2964,
0.3290

Harmonies

Analogous

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



58.0652, 0.4088, 0.3726



58.0652, 0.3897, 0.4037



58.0652, 0.3504, 0.4166

Triad

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



58.0652, 0.3897, 0.4037



58.0652, 0.2322, 0.3135



58.0652, 0.3170, 0.2689

Complementary

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



58.0652, 0.3897, 0.4037



36.2420, 0.2402, 0.2401

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.



58.0652, 0.2709, 0.2534



58.0652, 0.3897, 0.4037



58.0652, 0.2249, 0.2751

Square

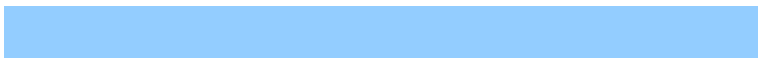
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0652, 0.3897, 0.4037



58.0652, 0.2598, 0.3616



58.0652, 0.2384, 0.2548



58.0652, 0.3654, 0.2977

Rectangle

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



58.0652, 0.3897, 0.4037



58.0652, 0.3187, 0.4100



58.0652, 0.2384, 0.2548



58.0652, 0.3007, 0.2620

Sweetspot

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



58.0679, 0.3897, 0.4037



91.4794, 0.3336, 0.3512



35.3713, 0.3854, 0.2917



19.2861, 0.3374, 0.3552



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.



58.0679, 0.3897, 0.4037



70.5738, 0.4079, 0.4181



71.0826, 0.3636, 0.4385



16.0006, 0.3275, 0.3449



23.3264, 0.4892, 0.4497



1.8895, 0.4765, 0.4598

Inverse Universe

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



36.2420, 0.2402, 0.2401



39.0169, 0.2244, 0.2177



28.0416, 0.2455, 0.2014



14.6343, 0.2981, 0.3125



6.1585, 0.1625, 0.1048



0.6179, 0.1705, 0.1339

Previews

White Background



This preview shows how the Yxy color 58.0652, 0.3897, 0.4037 looks on a white background.

Color Contrast Check

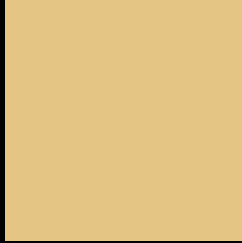
Large Text (above 18pt) WCAG AA × Fail

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 58.0652, 0.3897, 0.4037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

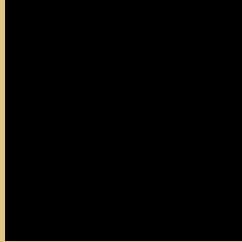
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0652, 0.3897, 0.4037

Background



This preview shows how black text looks on a background with the Yxy color 58.0652, 0.3897, 0.4037.



This preview shows how white text looks on a background with the Yxy color 58.0652, 0.3897, 0.4037.

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

58.0652, 0.3897, 0.4037

Protanopia

58.3447, 0.3786, 0.4093

Deuteranopia

58.0660, 0.4026, 0.3943



Tritanopia

57.9404, 0.3401, 0.3126

Trichromacy



Original Color

58.0652, 0.3897, 0.4037

Protanomaly

58.5041, 0.3824, 0.4072

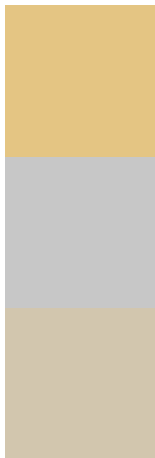
Deuteranomaly

58.0824, 0.3973, 0.3975

Tritanomaly

57.5917, 0.3584, 0.3449

Monochromacy



Original Color

58.0652, 0.3897, 0.4037

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1458, 0.3406, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0652, 0.3897, 0.4037 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(228, 197, 131)` looks like.

```
.text, #text, p{  
    color:rgb(228, 197, 131)  
}
```

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(228, 197, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 197, 131) }
```

Border

The CSS property to change the border of an element to Yxy 58.0652, 0.3897, 0.4037 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(228, 197, 131) }
```

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

```
.border{ border-color:rgb(228, 197, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 197, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 197, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 197, 131); box-shadow:4px 4px 4px 4px rgb(228, 197, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0652, 0.3897, 0.4037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 197, 131) }
```

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

```
.background{ background-color: rgb(228,  
197, 131) }
```

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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