

Converting Colors

$Yxy(58.7429, 0.3801, 0.3977)$

Have a look what the booklet for
Yxy(58.7429, 0.3801, 0.3977)
contains.

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Color

Yxy(58.7185, 0.3802, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	E1C78B
RGB	225, 199, 139
RGB Percent	88%, 78%, 55%
CMY	0.1176, 0.2196, 0.4550
CMYK	0.00, 0.12, 0.38, 0.12
HSL	42°, 59%, 71%
HSV	42°, 38%, 88%
XYZ	56.1347, 58.7185, 32.7920
YIQ	199.9340, 34.7560, -13.1480

Conversions

Conversions Part 2

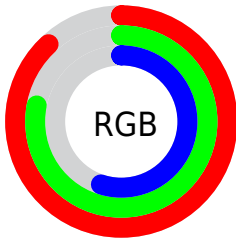
Format	Color
RYB	176, 225, 139
Decimal	14796683
CIELab	81.14, 0.81, 33.42
CIELCh	81, 33.427, 88.611
Yxy	58.7185, 0.3802, 0.3977
Android (android.graphics.Color)	4292986763 (0xFFE1C78B)
YUV	199.9340, -30.0405, 21.9829
Hunter-Lab	76.6280, -3.3368, 28.2672

Details

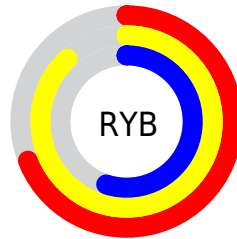
The Yxy color **58.7185, 0.3802, 0.3977** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.8256, 0.2478, 0.2487**, and the grayscale version is **57.8892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **29.2802, 0.3964, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **55.0700, 0.4004, 0.4150**, and if you desaturate by 10%, it is **62.6476, 0.3607, 0.3795**.

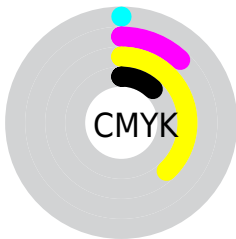
Distribution



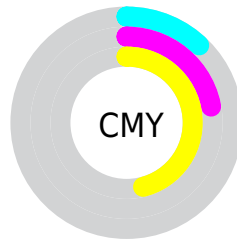
- Red (88%)
- Green (78%)
- Blue (55%)



- Red (69%)
- Yellow (88%)
- Blue (55%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (12%)





- Cyan (12%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7185, 0.3802, 0.3977 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 58.7185, 0.3802, 0.3977 by changing the saturation by 10% instead.


 58.7185, 0.3802,
0.3977

 58.7185, 0.3802,
0.3977

419.8579, 0.3482,
0.3653


 42.3866, 0.3875,
0.4051


 102.9684, 0.3690,
0.3864

 29.4041, 0.3965,
0.4142


 131.6552, 0.3647,
0.3820

 19.3867, 0.4078,
0.4255


 165.2290, 0.3610,
0.3783

 11.9500, 0.4221,
0.4397

204.0743, 0.3578,
0.3750

 6.7097, 0.4404,
0.4578

248.5754, 0.3549,
0.3721

 3.2812, 0.4755,
0.4927

299.1168, 0.3524,

 1.2802, 0.4925,

0.3696

0.5075

356.0829, 0.3502,
0.3673

■ 0.1258, 0.5255,
0.4745

■ 0.0000, 0.0000,
0.0000

■ 58.7185, 0.3802,
0.3977

■ 58.7185, 0.3802,
0.3977

■ 55.0700, 0.4004,
0.4150

■ 62.6476, 0.3607,
0.3795

■ 51.6839, 0.4206,
0.4304


■ 66.8586, 0.3424,
0.3611

■ 48.5516, 0.4399,
0.4427

■ 71.3631, 0.3255,
0.3432

■ 45.6608, 0.4575,
0.4509


■ 76.1693, 0.3101,
0.3260

 42.9971, 0.4723,
0.4543

 81.2851, 0.2962,
0.3100

 40.5407, 0.4840,
0.4528

 85.4347, 0.2943,
0.3135

 40.1235, 0.4860,
0.4523

 89.5095, 0.2945,
0.3205

 93.7360, 0.2946,
0.3274

 94.7483, 0.2946,
0.3289

Harmonies

Analogous

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



58.7185, 0.3984, 0.3710



58.7185, 0.3802, 0.3977



58.7185, 0.3442, 0.4071

Triad

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



58.7185, 0.3802, 0.3977



58.7185, 0.2391, 0.3129



58.7185, 0.3197, 0.2760

Complementary

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



58.7185, 0.3802, 0.3977



37.8256, 0.2478, 0.2487

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.



58.7185, 0.2777, 0.2610



58.7185, 0.3802, 0.3977



58.7185, 0.2336, 0.2791

Square

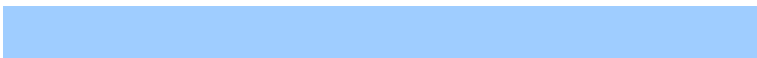
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.7185, 0.3802, 0.3977



58.7185, 0.2632, 0.3554



58.7185, 0.2471, 0.2615



58.7185, 0.3625, 0.3029

Rectangle

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



58.7185, 0.3802, 0.3977



58.7185, 0.3156, 0.3997



58.7185, 0.2471, 0.2615



58.7185, 0.3050, 0.2695

Sweetspot

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



58.7212, 0.3802, 0.3977



93.0332, 0.3302, 0.3482



37.2284, 0.3766, 0.2971



19.7364, 0.3324, 0.3506



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.



58.7212, 0.3802, 0.3977



74.0365, 0.3965, 0.4118



69.3059, 0.3577, 0.4278



15.2937, 0.3275, 0.3453



23.3342, 0.4847, 0.4533



1.7724, 0.4722, 0.4632

Inverse Universe

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



37.8256, 0.2478, 0.2487



42.5427, 0.2330, 0.2281



30.8391, 0.2548, 0.2166



13.9153, 0.2981, 0.3122



5.6949, 0.1614, 0.1008



0.5488, 0.1699, 0.1316

Previews

White Background



This preview shows how the Yxy color 58.7185, 0.3802, 0.3977 looks on a white background.

Color Contrast Check

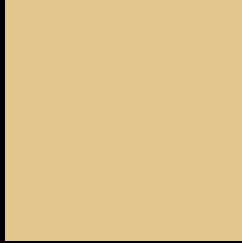
Large Text (above 18pt) WCAG AA × Fail

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 58.7185, 0.3802, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

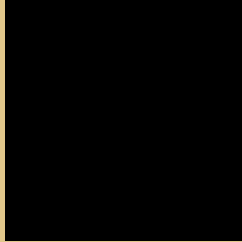
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7185, 0.3802, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 58.7185, 0.3802, 0.3977.



This preview shows how white text looks on a background with the Yxy color 58.7185, 0.3802, 0.3977.

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

58.7185, 0.3802, 0.3977

Protanopia

58.5722, 0.3726, 0.4002

Deuteranopia

58.5586, 0.3949, 0.3871



Tritanopia

58.8252, 0.3355, 0.3137

Trichromacy



Original Color

58.7185, 0.3802, 0.3977

Protanomaly

58.5742, 0.3756, 0.3985

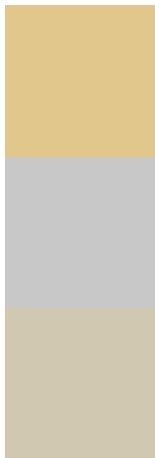
Deuteranomaly

58.5858, 0.3897, 0.3902

Tritanomaly

58.5778, 0.3518, 0.3438

Monochromacy



Original Color

58.7185, 0.3802, 0.3977

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.0782, 0.3363, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7185, 0.3802, 0.3977 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(225, 199, 139)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 139)  
}
```

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(225, 199, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 139) }
```

Border

The CSS property to change the border of an element to Yxy 58.7185, 0.3802, 0.3977 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(225, 199, 139) }
```

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

```
.border{ border-color:rgb(225, 199, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 199, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 139);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7185, 0.3802, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 139) }
```

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

```
.background{ background-color: rgb(225,  
199, 139) }
```

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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