

Converting Colors

Yxy(58.6492, 0.3837, 0.3922)

Have a look what the booklet for
Yxy(58.6492, 0.3837, 0.3922)
contains.

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Color

Yxy(58.6786, 0.3838, 0.3923)

Conversions

Conversions Part 1

Format	Color
Hex	E6C58D
RGB	230, 197, 141
RGB Percent	90%, 77%, 55%
CMY	0.0980, 0.2274, 0.4471
CMYK	0.00, 0.14, 0.39, 0.10
HSL	38°, 64%, 73%
HSV	38°, 39%, 90%
XYZ	57.4072, 58.6786, 33.4900
YIQ	200.4830, 37.6440, -10.4200

Conversions

Conversions Part 2

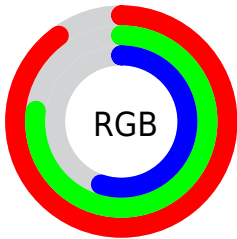
Format	Color
R _Y B	193, 230, 141
Decimal	15123853
CIE Lab	81.11, 4.05, 32.43
CIE LCh	81, 32.686, 82.881
Yxy	58.6786, 0.3838, 0.3923
Android (android.graphics.Color)	4293313933 (0xFFE6C58D)
YUV	200.4830, -29.3251, 25.8864
Hunter-Lab	76.6020, -0.2816, 27.7001

Details

The Yxy color **58.6786, 0.3838, 0.3923** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.6380, 0.2481, 0.2557**, and the grayscale version is **58.2401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0838, 0.3486, 0.3871**, and **29.2673, 0.4016, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **54.3031, 0.4058, 0.4081**, and if you desaturate by 10%, it is **63.4208, 0.3630, 0.3756**.

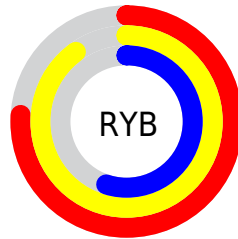
Distribution



Red (90%)

Green (77%)

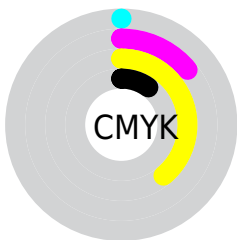
Blue (55%)



Red (76%)

Yellow (90%)

Blue (55%)

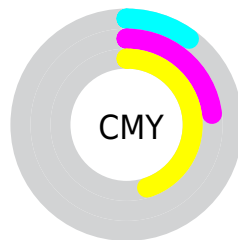


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (10%)



Cyan (10%)


Magenta (23%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.6786, 0.3838, 0.3923 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 58.6786, 0.3838, 0.3923 by changing the saturation by 10% instead.


 58.6786, 0.3838,
0.3923


 58.6786, 0.3838,
0.3923

419.7098, 0.3499,
0.3627


 42.3544, 0.3916,
0.3990


 102.9104, 0.3719,
0.3821

 29.3789, 0.4013,
0.4071

 131.5868, 0.3674,
0.3781

 19.3677, 0.4134,
0.4172


 165.1495, 0.3634,
0.3746

 11.9362, 0.4290,
0.4298


203.9828, 0.3600,
0.3716

 6.7003, 0.4493,
0.4455

248.4710, 0.3570,
0.3690

 3.2754, 0.4857,
0.4741

298.9987, 0.3544,

 1.2771, 0.5129,

0.3666

0.4871

355.9502, 0.3520,
0.3645

■ 0.1234, 0.6366,
0.3634

■ 0.0000, 0.0000,
0.0000

■ 58.6786, 0.3838,
0.3923

■ 58.6786, 0.3838,
0.3923

■ 54.3031, 0.4058,
0.4081

■ 63.4208, 0.3630,
0.3756

■ 50.2736, 0.4282,
0.4220

■ 68.5330, 0.3439,
0.3589

■ 46.5792, 0.4503,
0.4329

■ 74.0289, 0.3264,
0.3426

■ 43.2051, 0.4708,
0.4396

■ 79.9188, 0.3108,
0.3270

■ 40.1340, 0.4886,
0.4413

■ 86.1493, 0.2974,
0.3135

■ 37.3421, 0.5031,
0.4379

■ 91.2776, 0.2975,
0.3221

■ 36.9979, 0.5049,
0.4373

■ 95.5641, 0.2976,
0.3290

Harmonies

Analogous

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



58.6786, 0.3973, 0.3641



58.6786, 0.3838, 0.3923



58.6786, 0.3512, 0.4053

Triad

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



58.6786, 0.3838, 0.3923



58.6786, 0.2438, 0.3209



58.6786, 0.3113, 0.2732

Complementary

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



58.6786, 0.3838, 0.3923



41.6380, 0.2481, 0.2557

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.



58.6786, 0.2716, 0.2612



58.6786, 0.3838, 0.3923



58.6786, 0.2348, 0.2855

Square

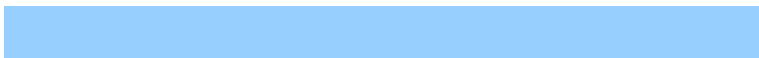
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.6786, 0.3838, 0.3923



58.6786, 0.2706, 0.3626



58.6786, 0.2445, 0.2649



58.6786, 0.3540, 0.2977

Rectangle

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



58.6786, 0.3838, 0.3923



58.6786, 0.3238, 0.4013



58.6786, 0.2445, 0.2649



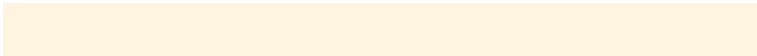
58.6786, 0.2971, 0.2676

Sweetspot

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



58.6813, 0.3838, 0.3923



91.1588, 0.3321, 0.3480



38.9664, 0.3714, 0.2900



19.3151, 0.3343, 0.3501



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.



58.6813, 0.3838, 0.3923



69.9333, 0.4003, 0.4044



73.6761, 0.3628, 0.4276



15.8720, 0.3277, 0.3438



21.1864, 0.5032, 0.4386



1.7420, 0.4878, 0.4509

Inverse Universe

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



41.6380, 0.2481, 0.2557



45.7190, 0.2348, 0.2383



31.3707, 0.2492, 0.2134



14.7579, 0.2981, 0.3138



7.1504, 0.1662, 0.1183



0.7015, 0.1743, 0.1476

Previews

White Background



This preview shows how the Yxy color 58.6786, 0.3838, 0.3923 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 58.6786, 0.3838, 0.3923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

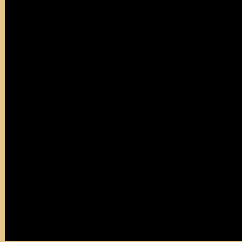
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6786, 0.3838, 0.3923

Background



This preview shows how black text looks on a background with the Yxy color 58.6786, 0.3838, 0.3923.



This preview shows how white text looks on a background with the Yxy color 58.6786, 0.3838, 0.3923.

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

58.6786, 0.3838, 0.3923

Protanopia

58.5082, 0.3695, 0.3970

Deuteranopia

58.6182, 0.3933, 0.3850



Tritanopia

58.7594, 0.3408, 0.3128

Trichromacy



Original Color

58.6786, 0.3838, 0.3923

Protanomaly

58.7911, 0.3749, 0.3960

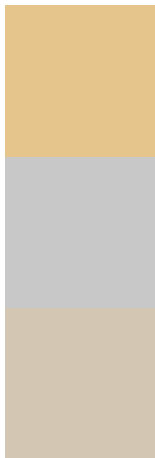
Deuteranomaly

58.3694, 0.3894, 0.3868

Tritanomaly

58.5279, 0.3565, 0.3414

Monochromacy



Original Color

58.6786, 0.3838, 0.3923

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.9504, 0.3374, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6786, 0.3838, 0.3923 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(230, 197, 141)` looks like.

```
.text, #text, p{  
    color:rgb(230, 197, 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(230, 197, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 197, 141) }
```

Border

The CSS property to change the border of an element to Yxy 58.6786, 0.3838, 0.3923 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(230, 197, 141) }
```

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

```
.border{ border-color:rgb(230, 197, 141) }
```

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

Here you see how a box with a 4 pixel rgb(230, 197, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 197, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 197, 141);  
box-shadow:4px 4px 4px 4px rgb(230, 197,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6786, 0.3838, 0.3923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 197, 141) }
```

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

```
.background{ background-color: rgb(230,  
197, 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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