

Converting Colors

Yxy(58.1490, 0.3928, 0.4066)

Have a look what the booklet for
Yxy(58.1490, 0.3928, 0.4066)
contains.

Yxy(58.1490, 0.3928, 0.4066)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.1490, 0.3928, 0.4066)

Conversions

Conversions Part 1

Format	Color
Hex	E5C580
RGB	229, 197, 128
RGB Percent	90%, 77%, 50%
CMY	0.1020, 0.2274, 0.4980
CMYK	0.00, 0.14, 0.44, 0.10
HSL	41°, 66%, 70%
HSV	41°, 44%, 90%
XYZ	56.1754, 58.1490, 28.6884
YIQ	198.7020, 41.2210, -14.6750

Conversions

Conversions Part 2

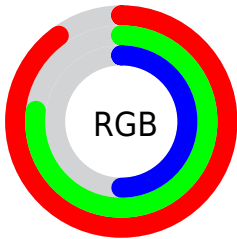
Format	Color
RYB	175, 229, 128
Decimal	15058304
CIELab	80.82, 2.27, 38.72
CIELCh	81, 38.783, 86.645
Yxy	58.1490, 0.3928, 0.4066
Android (android.graphics.Color)	4293248384 (0xFFE5C580)
YUV	198.7020, -34.8561, 26.5713
Hunter-Lab	76.2555, -1.9508, 31.0731

Details

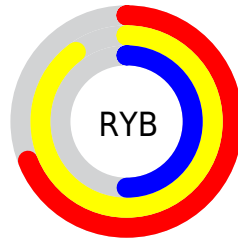
The Yxy color **58.1490, 0.3928, 0.4066** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.3893, 0.2373, 0.2358**, and the grayscale version is **57.1216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5210, 0.3564, 0.3999**, and **28.9514, 0.4128, 0.4242** is the 20% darker color. If you saturate the color by 10%, you get **54.3994, 0.4135, 0.4226**, and if you desaturate by 10%, it is **62.1987, 0.3725, 0.3891**.

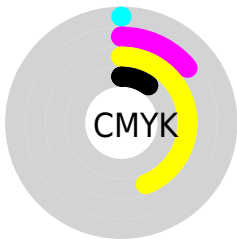
Distribution



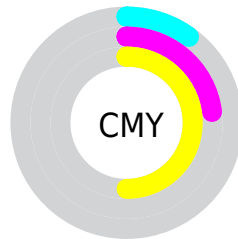
- Red (90%)
- Green (77%)
- Blue (50%)



- Red (69%)
- Yellow (90%)
- Blue (50%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (10%)





- Cyan (10%)
- Magenta (23%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1490, 0.3928, 0.4066 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 58.1490, 0.3928, 0.4066 by changing the saturation by 10% instead.

 58.1490, 0.3928,
0.4066


 58.1490, 0.3928,
0.4066


417.7409, 0.3550,
0.3704


 41.9284, 0.4014,
0.4147


 102.1398, 0.3797,
0.3941

 29.0453, 0.4118,
0.4244


 130.6788, 0.3746,
0.3892

 19.1151, 0.4246,
0.4363


 164.0928, 0.3702,
0.3850

 11.7535, 0.4405,
0.4509

202.7662, 0.3663,
0.3813

 6.5760, 0.4601,
0.4681

247.0833, 0.3630,
0.3781

 3.1984, 0.4979,
0.5021

297.4285, 0.3600,

 1.2362, 0.5019,

0.3752

0.4981

354.1862, 0.3574,
0.3727

0.0910, 0.6093,
0.3907

0.0000, 0.0000,
0.0000

58.1490, 0.3928,
0.4066

58.1490, 0.3928,
0.4066

54.3994, 0.4135,
0.4226

62.1987, 0.3725,
0.3891

50.9301, 0.4339,
0.4361

66.5509, 0.3532,
0.3710


47.7314, 0.4529,
0.4459


71.2181, 0.3353,
0.3531


44.7888, 0.4696,
0.4510


76.2096, 0.3190,
0.3358

 42.0852, 0.4832,
0.4510

 81.5341, 0.3042,
0.3195

 40.5873, 0.4900,
0.4491

 86.5113, 0.2968,
0.3144

 90.8808, 0.2969,
0.3217

 95.3975, 0.2970,
0.3290

Harmonies

Analogous

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



58.1490, 0.4128, 0.3740



58.1490, 0.3928, 0.4066



58.1490, 0.3518, 0.4205

Triad

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



58.1490, 0.3928, 0.4066



58.1490, 0.2291, 0.3126



58.1490, 0.3171, 0.2666

Complementary

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



58.1490, 0.3928, 0.4066



35.3893, 0.2373, 0.2358

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.



58.1490, 0.2691, 0.2505



58.1490, 0.3928, 0.4066



58.1490, 0.2215, 0.2728

Square

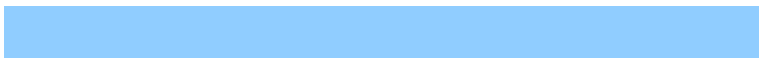
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.1490, 0.3928, 0.4066



58.1490, 0.2576, 0.3630



58.1490, 0.2355, 0.2518



58.1490, 0.3676, 0.2964

Rectangle

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



58.1490, 0.3928, 0.4066



58.1490, 0.3188, 0.4137



58.1490, 0.2355, 0.2518



58.1490, 0.3001, 0.2595

Sweetspot

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



58.1517, 0.3928, 0.4066



91.5277, 0.3336, 0.3513



34.6958, 0.3893, 0.2904



19.2980, 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.



58.1517, 0.3928, 0.4066



69.7928, 0.4119, 0.4214



71.6175, 0.3652, 0.4424



16.0067, 0.3275, 0.3450



23.4321, 0.4886, 0.4502



1.8967, 0.4760, 0.4602

Inverse Universe

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



35.3893, 0.2373, 0.2358



37.2773, 0.2207, 0.2120



27.1037, 0.2425, 0.1961



14.6286, 0.2981, 0.3125



6.1160, 0.1623, 0.1042



0.6142, 0.1704, 0.1333

Previews

White Background



This preview shows how the Yxy color 58.1490, 0.3928, 0.4066 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 58.1490, 0.3928, 0.4066 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 58.1490, 0.3928, 0.4066

Background



This preview shows how black text looks on a background with the Yxy color 58.1490, 0.3928, 0.4066.



This preview shows how white text looks on a background with the Yxy color 58.1490, 0.3928, 0.4066.

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

58.1490, 0.3928, 0.4066

Protanopia

58.2637, 0.3807, 0.4126

Deuteranopia

58.1615, 0.4058, 0.3971



Tritanopia

58.0636, 0.3417, 0.3138

Trichromacy



Original Color

58.1490, 0.3928, 0.4066

Protanomaly

58.4231, 0.3846, 0.4105

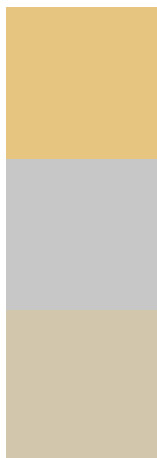
Deuteranomaly

58.1731, 0.4005, 0.4004

Tritanomaly

57.6804, 0.3609, 0.3471

Monochromacy



Original Color

58.1490, 0.3928, 0.4066

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1069, 0.3414, 0.3589

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1490, 0.3928, 0.4066 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(229, 197, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 197, 128)  
}
```

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(229, 197, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 197, 128) }
```

Border

The CSS property to change the border of an element to Yxy 58.1490, 0.3928, 0.4066 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(229, 197, 128) }
```

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

```
.border{ border-color:rgb(229, 197, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 197, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 197, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 197, 128); box-shadow:4px 4px 4px 4px rgb(229, 197, 128) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1490, 0.3928, 0.4066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 197, 128) }
```

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

```
.background{ background-color: rgb(229,  
197, 128) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor