

Converting Colors

$Yxy(58.0538, 0.3943, 0.4040)$

Have a look what the booklet for
Yxy(58.0538, 0.3943, 0.4040)
contains.

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Color

Yxy(58.0538, 0.3943, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	E7C481
RGB	231, 196, 129
RGB Percent	91%, 77%, 51%
CMY	0.0941, 0.2314, 0.4942
CMYK	0.00, 0.15, 0.44, 0.09
HSL	39°, 68%, 71%
HSV	39°, 44%, 91%
XYZ	56.6599, 58.0538, 28.9838
YIQ	198.8270, 42.3670, -13.4170

Conversions

Conversions Part 2

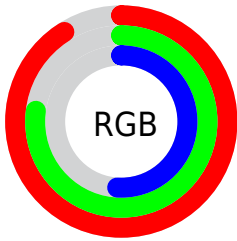
Format	Color
RYB	182, 231, 129
Decimal	15189121
CIELab	80.77, 3.70, 38.19
CIElCh	81, 38.366, 84.466
Yxy	58.0538, 0.3943, 0.4040
Android (android.graphics.Color)	4293379201 (0xFFE7C481)
YUV	198.8270, -34.4247, 28.2157
Hunter-Lab	76.1930, -0.5987, 30.7812

Details

The Yxy color **58.0538, 0.3943, 0.4040** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.9879, 0.2378, 0.2393**, and the grayscale version is **57.1987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2997, 0.3563, 0.3972**, and **28.8947, 0.4150, 0.4207** is the 20% darker color. If you saturate the color by 10%, you get **54.0276, 0.4158, 0.4195**, and if you desaturate by 10%, it is **62.4133, 0.3734, 0.3871**.

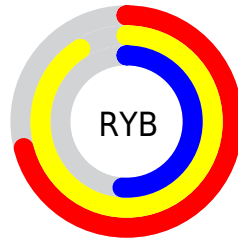
Distribution



Red (91%)

Green (77%)

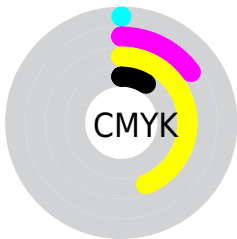
Blue (51%)



Red (71%)

Yellow (91%)

Blue (51%)

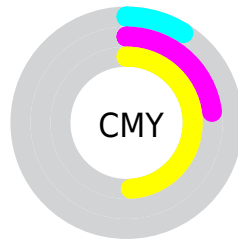


Cyan (0%)

Magenta (15%)

Yellow (44%)

Black (9%)



Cyan (9%)


Magenta (23%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0538, 0.3943, 0.4040 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 58.0538, 0.3943, 0.4040 by changing the saturation by 10% instead.


 58.0538, 0.3943,
0.4040


 58.0538, 0.3943,
0.4040


417.3864, 0.3557,
0.3691

 41.8519, 0.4031,
0.4117

 102.0012, 0.3809,
0.3920

 28.9853, 0.4138,
0.4211


 130.5155, 0.3757,
0.3873

 19.0697, 0.4271,
0.4324


 163.9027, 0.3712,
0.3832

 11.7207, 0.4436,
0.4462

202.5472, 0.3672,
0.3797

 6.5538, 0.4641,
0.4624

246.8335, 0.3638,
0.3766

 3.1846, 0.5046,
0.4954

297.1458, 0.3608,

 1.2289, 0.5110,

0.3738

0.4890

353.8686, 0.3581,
0.3713

0.0851, 0.6680,
0.3320

0.0000, 0.0000,
0.0000

58.0538, 0.3943,
0.4040

58.0538, 0.3943,
0.4040

54.0276, 0.4158,
0.4195

62.4133, 0.3734,
0.3871

50.3141, 0.4372,
0.4324


67.1094, 0.3537,
0.3696

46.9025, 0.4573,
0.4417

72.1554, 0.3356,
0.3523

43.7774, 0.4752,
0.4462


77.5614, 0.3191,
0.3357


 40.9206, 0.4899,
0.4456

 83.3369, 0.3043,
0.3199

 39.3622, 0.4972,
0.4434

 88.6527, 0.2981,
0.3175

 93.5154, 0.2981,
0.3255

 95.7311, 0.2982,
0.3290

Harmonies

Analogous

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



58.0538, 0.4122, 0.3709



58.0538, 0.3943, 0.4040



58.0538, 0.3548, 0.4194

Triad

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



58.0538, 0.3943, 0.4040



58.0538, 0.2313, 0.3163



58.0538, 0.3134, 0.2655

Complementary

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



58.0538, 0.3943, 0.4040



36.9879, 0.2378, 0.2393

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.



58.0538, 0.2666, 0.2507



58.0538, 0.3943, 0.4040



58.0538, 0.2222, 0.2757

Square

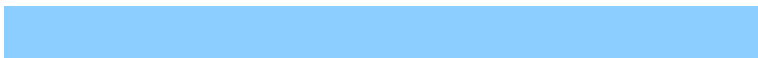
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.0538, 0.3943, 0.4040



58.0538, 0.2610, 0.3662



58.0538, 0.2345, 0.2534



58.0538, 0.3637, 0.2942

Rectangle

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



58.0538, 0.3943, 0.4040



58.0538, 0.3224, 0.4142



58.0538, 0.2345, 0.2534



58.0538, 0.2967, 0.2588

Sweetspot

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



58.0565, 0.3943, 0.4040



91.0012, 0.3337, 0.3505



35.3946, 0.3876, 0.2884



19.1675, 0.3375, 0.3543



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.



58.0565, 0.3943, 0.4040



68.0275, 0.4139, 0.4182



73.2986, 0.3666, 0.4421



15.9406, 0.3276, 0.3444



22.3038, 0.4957, 0.4446



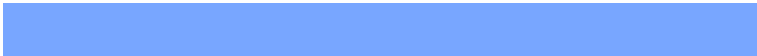
1.8194, 0.4817, 0.4557

Inverse Universe

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



36.9879, 0.2378, 0.2393



38.5582, 0.2217, 0.2166



27.4238, 0.2410, 0.1954



14.6917, 0.2981, 0.3131



6.5993, 0.1642, 0.1109



0.6556, 0.1723, 0.1402

Previews

White Background



This preview shows how the Yxy color 58.0538, 0.3943, 0.4040 looks on a white background.

Color Contrast Check

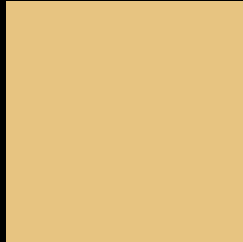
Large Text (above 18pt) WCAG AA × Fail

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 58.0538, 0.3943, 0.4040 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 58.0538, 0.3943, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 58.0538, 0.3943, 0.4040.



This preview shows how white text looks on a background with the Yxy color 58.0538, 0.3943, 0.4040.

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

58.0538, 0.3943, 0.4040

Protanopia

58.3174, 0.3793, 0.4104

Deuteranopia

58.0118, 0.4042, 0.3963



Tritanopia

57.9348, 0.3444, 0.3138

Trichromacy



Original Color

58.0538, 0.3943, 0.4040

Protanomaly

58.1465, 0.3852, 0.4081

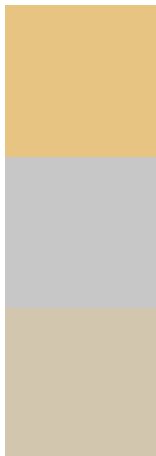
Deuteranomaly

57.7562, 0.4002, 0.3983

Tritanomaly

57.5842, 0.3629, 0.3459

Monochromacy



Original Color

58.0538, 0.3943, 0.4040

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2930, 0.3414, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0538, 0.3943, 0.4040 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(231, 196, 129)` looks like.

```
.text, #text, p{  
    color:rgb(231, 196, 129)  
}
```

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(231, 196, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 196, 129) }
```

Border

The CSS property to change the border of an element to Yxy 58.0538, 0.3943, 0.4040 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(231, 196, 129) }
```

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

```
.border{ border-color:rgb(231, 196, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 196, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 196, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 196, 129);  
box-shadow:4px 4px 4px 4px rgb(231, 196,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0538, 0.3943, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 196, 129) }
```

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

```
.background{ background-color: rgb(231,  
196, 129) }
```

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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