

Converting Colors

Yxy(58.4711, 0.3812, 0.4284)

Have a look what the booklet for
Yxy(58.4711, 0.3812, 0.4284)
contains.

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Color

Yxy(58.5147, 0.3812, 0.4284)

Conversions

Conversions Part 1

Format	Color
Hex	D4CC77
RGB	212, 204, 119
RGB Percent	83%, 80%, 47%
CMY	0.1688, 0.1999, 0.5333
CMYK	0.00, 0.04, 0.44, 0.17
HSL	55°, 52%, 65%
HSV	55°, 44%, 83%
XYZ	52.0677, 58.5147, 26.0065
YIQ	196.7020, 32.0530, -24.7390

Conversions

Conversions Part 2

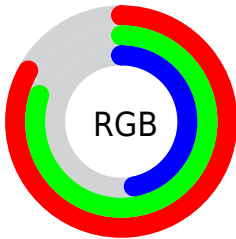
Format	Color
RYB	128, 212, 119
Decimal	13945975
CIELab	81.02, -9.09, 43.19
CIElCh	81, 44.139, 101.886
Yxy	58.5147, 0.3812, 0.4284
Android (android.graphics.Color)	4292136055 (0xFFD4CC77)
YUV	196.7020, -38.3071, 13.4163
Hunter-Lab	76.4949, -12.3667, 33.3892

Details

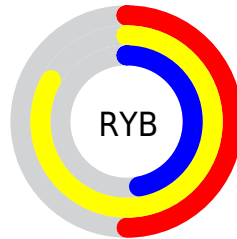
The Yxy color **58.5147, 0.3812, 0.4284** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **23.8448, 0.2327, 0.2049**, and the grayscale version is **55.8663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7971, 0.3614, 0.4095**, and **29.2980, 0.3964, 0.4526** is the 20% darker color. If you saturate the color by 10%, you get **57.2064, 0.3958, 0.4483**, and if you desaturate by 10%, it is **59.9520, 0.3656, 0.4065**.

Distribution



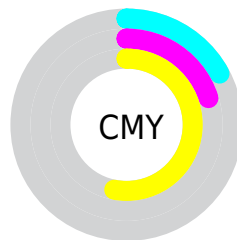
- Red (83%)
- Green (80%)
- Blue (47%)



- Red (50%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (4%)
- Yellow (44%)
- Black (17%)





- Cyan (17%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5147, 0.3812, 0.4284 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 58.5147, 0.3812, 0.4284 by changing the saturation by 10% instead.


 58.5147, 0.3812,
0.4284

 58.5147, 0.3812,
0.4284


419.1011, 0.3498,
0.3808


 42.2226, 0.3879,
0.4393


 102.6720, 0.3706,
0.4118

 29.2756, 0.3959,
0.4527


 131.3060, 0.3664,
0.4053

 19.2894, 0.4052,
0.4693


 164.8227, 0.3627,
0.3998

 11.8796, 0.4159,
0.4900

203.6065, 0.3595,
0.3950

 6.6617, 0.4277,
0.5165

248.0419, 0.3566,
0.3908

 3.2515, 0.4436,
0.5564

298.5132, 0.3541,

 1.2644, 0.4269,

0.3871

0.5731

355.4048, 0.3519,
0.3838

■ 0.1134, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5147, 0.3812,
0.4284

■ 58.5147, 0.3812,
0.4284

■ 57.2064, 0.3958,
0.4483

■ 59.9520, 0.3656,
0.4065

■ 56.0113, 0.4088,
0.4652


■ 61.5173, 0.3496,
0.3835


■ 54.9235, 0.4195,
0.4783


■ 63.2195, 0.3337,
0.3603


■ 53.9332, 0.4276,
0.4871

■ 65.0647, 0.3184,
0.3375


 53.0281, 0.4330,
0.4915


 67.0584, 0.3039,
0.3157

 52.5015, 0.4353,
0.4926

 69.2060, 0.2904,
0.2952

 70.6883, 0.2852,
0.2883

 71.6268, 0.2853,
0.2903

 72.5755, 0.2854,
0.2923

Harmonies

Analogous

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



58.5147, 0.4180, 0.3992



58.5147, 0.3812, 0.4284



58.5147, 0.3279, 0.4295

Triad

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



58.5147, 0.3812, 0.4284



58.5147, 0.2115, 0.2845



58.5147, 0.3473, 0.2743

Complementary

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



58.5147, 0.3812, 0.4284



23.8448, 0.2327, 0.2049

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.



58.5147, 0.2893, 0.2481



58.5147, 0.3812, 0.4284



58.5147, 0.2155, 0.2506

Square

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



58.5147, 0.3812, 0.4284



58.5147, 0.2314, 0.3377



58.5147, 0.2424, 0.2391



58.5147, 0.3992, 0.3128

Rectangle

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



58.5147, 0.3812, 0.4284



58.5147, 0.2906, 0.4098



58.5147, 0.2424, 0.2391



58.5147, 0.3276, 0.2639

Sweetspot

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



58.5174, 0.3812, 0.4284



96.2497, 0.3326, 0.3586



28.7558, 0.4161, 0.3177



20.4732, 0.3361, 0.3638



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.



58.5174, 0.3812, 0.4284



86.9756, 0.3954, 0.4478



57.4923, 0.3471, 0.4485



14.3297, 0.3269, 0.3501



32.4963, 0.4350, 0.4928



2.0147, 0.4320, 0.4952

Inverse Universe

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



23.8448, 0.2327, 0.2049



27.5461, 0.2127, 0.1726



25.0362, 0.2627, 0.2041



12.1778, 0.2981, 0.3070



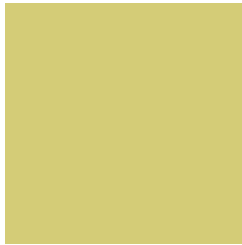
3.2655, 0.1517, 0.0660



0.2575, 0.1565, 0.0835

Previews

White Background



This preview shows how the Yxy color 58.5147, 0.3812, 0.4284 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 58.5147, 0.3812, 0.4284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

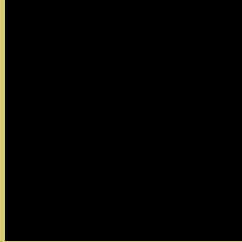
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5147, 0.3812, 0.4284

Background



This preview shows how black text looks on a background with the Yxy color 58.5147, 0.3812, 0.4284.



This preview shows how white text looks on a background with the Yxy color 58.5147, 0.3812, 0.4284.

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

58.5147, 0.3812, 0.4284

Protanopia

58.2969, 0.3903, 0.4239

Deuteranopia

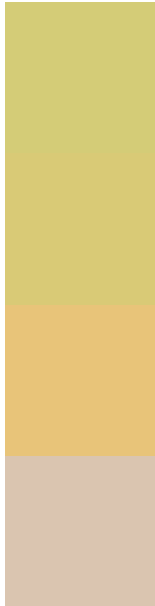
58.3375, 0.4128, 0.4036



Tritanopia

58.2730, 0.3240, 0.3110

Trichromacy



Original Color

58.5147, 0.3812, 0.4284

Protanomaly

58.3008, 0.3872, 0.4258

Deuteranomaly

58.0161, 0.4011, 0.4121

Tritanomaly

57.9725, 0.3459, 0.3536

Monochromacy



Original Color

58.5147, 0.3812, 0.4284

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7297, 0.3374, 0.3669

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5147, 0.3812, 0.4284 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(212, 204, 119)` looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 119)  
}
```

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(212, 204, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 119) }
```

Border

The CSS property to change the border of an element to Yxy 58.5147, 0.3812, 0.4284 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(212, 204, 119) }
```

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

```
.border{ border-color:rgb(212, 204, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 119);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5147, 0.3812, 0.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 119) }
```

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

```
.background{ background-color: rgb(212,  
204, 119) }
```

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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