

Converting Colors

Yxy(58.4056, 0.3816, 0.4262)

Have a look what the booklet for
Yxy(58.4056, 0.3816, 0.4262)
contains.

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Color

Yxy(58.2141, 0.3819, 0.4260)

Conversions

Conversions Part 1

Format	Color
Hex	D5CB78
RGB	213, 203, 120
RGB Percent	84%, 80%, 47%
CMY	0.1647, 0.2039, 0.5295
CMYK	0.00, 0.05, 0.44, 0.16
HSL	54°, 53%, 65%
HSV	54°, 44%, 84%
XYZ	52.1877, 58.2141, 26.2510
YIQ	196.5280, 32.6030, -23.6930

Conversions

Conversions Part 2

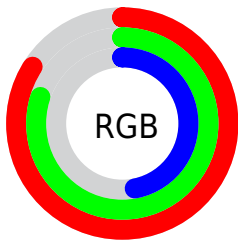
Format	Color
RYB	131, 213, 120
Decimal	14011256
CIELab	80.86, -8.06, 42.52
CIElCh	81, 43.275, 100.734
Yxy	58.2141, 0.3819, 0.4260
Android (android.graphics.Color)	4292201336 (0xFFD5CB78)
YUV	196.5280, -37.7283, 14.4459
Hunter-Lab	76.2982, -11.4283, 33.0095

Details

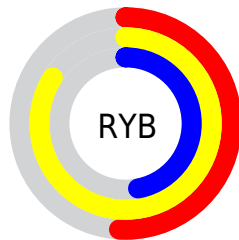
The Yxy color **58.2141, 0.3819, 0.4260** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.7602, 0.2335, 0.2085**, and the grayscale version is **55.7537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8360, 0.3608, 0.4086**, and **29.0927, 0.3976, 0.4496** is the 20% darker color. If you saturate the color by 10%, you get **56.6818, 0.3971, 0.4457**, and if you desaturate by 10%, it is **59.8828, 0.3659, 0.4044**.

Distribution



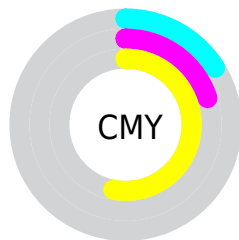
- Red (84%)
- Green (80%)
- Blue (47%)



- Red (51%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (44%)
- Black (16%)





- Cyan (16%)
- Magenta (20%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2141, 0.3819, 0.4260 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 58.2141, 0.3819, 0.4260 by changing the saturation by 10% instead.

 58.2141, 0.3819,
0.4260


 58.2141, 0.3819,
0.4260


417.9832, 0.3501,
0.3796


 41.9808, 0.3888,
0.4366

 102.2346, 0.3711,
0.4098

 29.0863, 0.3970,
0.4497


 130.7905, 0.3668,
0.4035

 19.1461, 0.4066,
0.4658


 164.2228, 0.3631,
0.3981

 11.7759, 0.4179,
0.4860

202.9159, 0.3598,
0.3934

 6.5913, 0.4304,
0.5116

247.2540, 0.3569,
0.3893

 3.2078, 0.4484,
0.5516

297.6217, 0.3544,

 1.2412, 0.4336,

0.3857

0.5664

354.4033, 0.3521,
0.3825

0.0950, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.2141, 0.3819,
0.4260

58.2141, 0.3819,
0.4260

56.6818, 0.3971,
0.4457

59.8828, 0.3659,
0.4044

55.2701, 0.4107,
0.4624


61.6868, 0.3496,
0.3818

53.9729, 0.4221,
0.4753


63.6355, 0.3335,
0.3591


52.7801, 0.4309,
0.4839


65.7349, 0.3181,
0.3369

 51.6795, 0.4370,
0.4881


 67.9906, 0.3037,
0.3157

 51.0174, 0.4398,
0.4890

 70.4080, 0.2902,
0.2957

 72.0509, 0.2860,
0.2909

 73.2547, 0.2861,
0.2934

 74.4751, 0.2862,
0.2959

Harmonies

Analogous

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



58.2141, 0.4171, 0.3967



58.2141, 0.3819, 0.4260



58.2141, 0.3298, 0.4282

Triad

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



58.2141, 0.3819, 0.4260



58.2141, 0.2135, 0.2871



58.2141, 0.3445, 0.2739

Complementary

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



58.2141, 0.3819, 0.4260



24.7602, 0.2335, 0.2085

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.



58.2141, 0.2877, 0.2487



58.2141, 0.3819, 0.4260



58.2141, 0.2165, 0.2528

Square

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



58.2141, 0.3819, 0.4260



58.2141, 0.2340, 0.3398



58.2141, 0.2422, 0.2406



58.2141, 0.3961, 0.3115

Rectangle

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



58.2141, 0.3819, 0.4260



58.2141, 0.2931, 0.4098



58.2141, 0.2422, 0.2406



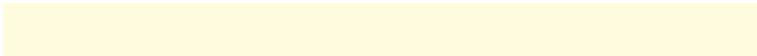
58.2141, 0.3252, 0.2639

Sweetspot

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



58.2168, 0.3819, 0.4260



95.7923, 0.3327, 0.3579



29.2120, 0.4135, 0.3158



20.3590, 0.3362, 0.3630



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.



58.2168, 0.3819, 0.4260



85.4316, 0.3954, 0.4436



58.3364, 0.3482, 0.4475



14.2811, 0.3269, 0.3496



31.2524, 0.4394, 0.4893



1.9518, 0.4355, 0.4924

Inverse Universe

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



24.7602, 0.2335, 0.2085



29.1818, 0.2154, 0.1795



25.2675, 0.2615, 0.2042



12.2215, 0.2981, 0.3075



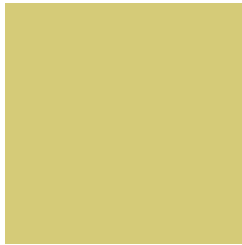
3.3794, 0.1523, 0.0681



0.2782, 0.1581, 0.0892

Previews

White Background



This preview shows how the Yxy color 58.2141, 0.3819, 0.4260 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 58.2141, 0.3819, 0.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

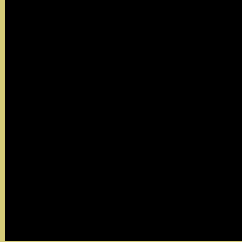
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2141, 0.3819, 0.4260

Background



This preview shows how black text looks on a background with the Yxy color 58.2141, 0.3819, 0.4260.



This preview shows how white text looks on a background with the Yxy color 58.2141, 0.3819, 0.4260.

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

58.2141, 0.3819, 0.4260

Protanopia

58.3208, 0.3896, 0.4228

Deuteranopia

58.1840, 0.4112, 0.4029



Tritanopia

58.2236, 0.3248, 0.3122

Trichromacy



Original Color

58.2141, 0.3819, 0.4260

Protanomaly

58.3247, 0.3865, 0.4248

Deuteranomaly

58.0408, 0.4003, 0.4110

Tritanomaly

58.1272, 0.3467, 0.3535

Monochromacy



Original Color

58.2141, 0.3819, 0.4260

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4079, 0.3384, 0.3656

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2141, 0.3819, 0.4260 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(213, 203, 120)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 120)  
}
```

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(213, 203, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 120) }
```

Border

The CSS property to change the border of an element to Yxy 58.2141, 0.3819, 0.4260 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(213, 203, 120) }
```

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

```
.border{ border-color:rgb(213, 203, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 203, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 203, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 203, 120); box-shadow:4px 4px 4px 4px rgb(213, 203, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2141, 0.3819, 0.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 120) }
```

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

```
.background{ background-color: rgb(213,  
203, 120) }
```

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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