

Converting Colors

$Yxy(58.9826, 0.4178, 0.4774)$

Have a look what the booklet for
Yxy(58.9826, 0.4178, 0.4774)
contains.

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Color

Yxy(58.8943, 0.4179, 0.4773)

Conversions

Conversions Part 1

Format	Color
Hex	DACD3C
RGB	218, 205, 60
RGB Percent	85%, 80%, 24%
CMY	0.1450, 0.1961, 0.7645
CMYK	0.00, 0.06, 0.72, 0.15
HSL	55°, 68%, 55%
HSV	55°, 72%, 85%
XYZ	51.5649, 58.8943, 12.9313
YIQ	192.3570, 54.2930, -42.3390

Conversions

Conversions Part 2

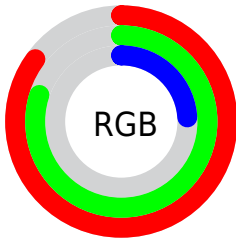
Format	Color
RYB	74, 218, 60
Decimal	14339388
CIELab	81.23, -11.31, 69.34
CIELCh	81, 70.253, 99.268
Yxy	58.8943, 0.4179, 0.4773
Android (android.graphics.Color)	4292529468 (0xFFDACD3C)
YUV	192.3570, -65.2520, 22.4889
Hunter-Lab	76.7426, -14.3619, 43.7293

Details

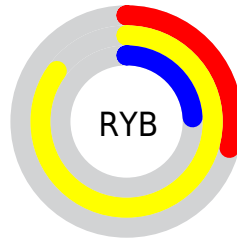
The Yxy color **58.8943, 0.4179, 0.4773** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **10.7989, 0.1776, 0.1134**, and the grayscale version is **53.3030, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0644, 0.3912, 0.4588**, and **29.5041, 0.4283, 0.4982** is the 20% darker color. If you saturate the color by 10%, you get **57.8573, 0.4263, 0.4867**, and if you desaturate by 10%, it is **60.0416, 0.4069, 0.4636**.

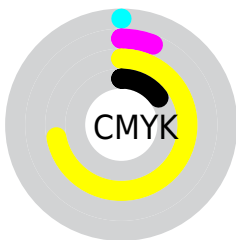
Distribution



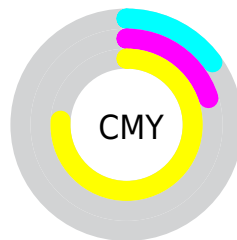
- Red (85%)
- Green (80%)
- Blue (24%)



- Red (29%)
- Yellow (85%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (72%)
- Black (15%)





- Cyan (15%)
- Magenta (20%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8943, 0.4179, 0.4773 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 58.8943, 0.4179, 0.4773 by changing the saturation by 10% instead.


 58.8943, 0.4179,
0.4773

 58.8943, 0.4179,
0.4773

420.5101, 0.3737,
0.4101

 42.5280, 0.4256,
0.4907


 103.2240, 0.4042,
0.4552

 29.5150, 0.4335,
0.5059


 131.9563, 0.3984,
0.4462


 19.4707, 0.4406,
0.5224


 165.5793, 0.3931,
0.4383

 12.0109, 0.4497,
0.5447

 204.4775, 0.3884,
0.4313

 6.7511, 0.4446,
0.5554

 249.0353, 0.3841,
0.4251

 3.3069, 0.4329,
0.5671

299.6371, 0.3803,

 1.2940, 0.4122,

0.4196

0.5878

356.6672, 0.3768,
0.4146

■ 0.1366, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8943, 0.4179,
0.4773

■ 58.8943, 0.4179,
0.4773

■ 57.8573, 0.4263,
0.4867

■ 60.0416, 0.4069,
0.4636

■ 56.9098, 0.4319,
0.4916

■ 61.3014, 0.3938,
0.4462


■ 56.2403, 0.4347,
0.4930


■ 62.6856, 0.3790,
0.4259


■ 64.2021, 0.3634,
0.4037

 65.8584, 0.3474,
0.3805

 67.6613, 0.3316,
0.3572

 69.6170, 0.3163,
0.3344

 71.7317, 0.3020,
0.3127

 73.9290, 0.2894,
0.2936

Harmonies

Analogous

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



58.8943, 0.4758, 0.4211



58.8943, 0.4179, 0.4773



58.8943, 0.3370, 0.4964

Triad

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



58.8943, 0.4179, 0.4773



58.8943, 0.1635, 0.2610



58.8943, 0.3571, 0.2427

Complementary

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



58.8943, 0.4179, 0.4773



10.7989, 0.1776, 0.1134

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.



58.8943, 0.2671, 0.2076



58.8943, 0.4179, 0.4773



58.8943, 0.1673, 0.2115

Square

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



58.8943, 0.4179, 0.4773



58.8943, 0.1920, 0.3476



58.8943, 0.2017, 0.1959



58.8943, 0.4442, 0.2952

Rectangle

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



58.8943, 0.4179, 0.4773



58.8943, 0.2805, 0.4707



58.8943, 0.2017, 0.1959



58.8943, 0.3255, 0.2287

Sweetspot

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



58.8971, 0.4179, 0.4773



93.9850, 0.3470, 0.3799



18.6288, 0.5414, 0.3177



19.9737, 0.3513, 0.3863



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.



58.8971, 0.4179, 0.4773



81.7772, 0.4296, 0.4898



57.1720, 0.3556, 0.5230



15.0707, 0.3269, 0.3502



33.7649, 0.4344, 0.4932



2.2428, 0.4317, 0.4954

Inverse Universe

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



10.7989, 0.1776, 0.1134



9.9512, 0.1587, 0.0794



12.7256, 0.2216, 0.1233



12.7887, 0.2981, 0.3068



3.3545, 0.1516, 0.0657



0.2786, 0.1560, 0.0817

Previews

White Background



This preview shows how the Yxy color 58.8943, 0.4179, 0.4773 looks on a white background.

Color Contrast Check

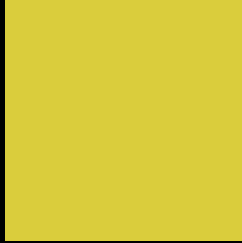
Large Text (above 18pt) WCAG AA × Fail

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 58.8943, 0.4179, 0.4773 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 58.8943, 0.4179, 0.4773

Background



This preview shows how black text looks on a background with the Yxy color 58.8943, 0.4179, 0.4773.



This preview shows how white text looks on a background with the Yxy color 58.8943, 0.4179, 0.4773.

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

58.8943, 0.4179, 0.4773

Protanopia

58.7256, 0.4273, 0.4711

Deuteranopia

58.9636, 0.4553, 0.4451



Tritanopia

58.5408, 0.3331, 0.3125

Trichromacy



Original Color

58.8943, 0.4179, 0.4773

Protanomaly

58.7156, 0.4240, 0.4735

Deuteranomaly

58.8167, 0.4414, 0.4571

Tritanomaly

57.9485, 0.3713, 0.3784

Monochromacy



Original Color

58.8943, 0.4179, 0.4773

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

54.3636, 0.3564, 0.3947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8943, 0.4179, 0.4773 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(218, 205, 60)` looks like.

```
.text, #text, p{  
    color:rgb(218, 205, 60)  
}
```

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(218, 205, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 205, 60) }
```

Border

The CSS property to change the border of an element to Yxy 58.8943, 0.4179, 0.4773 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(218, 205, 60) }
```

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

```
.border{ border-color:rgb(218, 205, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 205, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 205, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 205, 60);  
box-shadow:4px 4px 4px 4px rgb(218, 205,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8943, 0.4179, 0.4773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 205, 60) }
```

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

```
.background{ background-color: rgb(218,  
205, 60) }
```

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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