

Converting Colors

$Yxy(58.4738, 0.3665, 0.4179)$

Have a look what the booklet for
Yxy(58.4738, 0.3665, 0.4179)
contains.

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Color

Yxy(58.2805, 0.3666, 0.4180)

Conversions

Conversions Part 1

Format	Color
Hex	CDCD83
RGB	205, 205, 131
RGB Percent	80%, 80%, 51%
CMY	0.1959, 0.1961, 0.4862
CMYK	0.00, 0.00, 0.36, 0.20
HSL	60°, 43%, 66%
HSV	60°, 36%, 80%
XYZ	51.1140, 58.2805, 30.0326
YIQ	196.5640, 23.7540, -23.0140

Conversions

Conversions Part 2

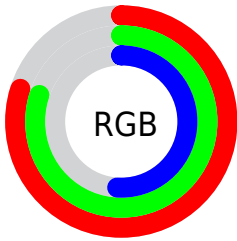
Format	Color
RYB	131, 205, 131
Decimal	13487491
CIELab	80.89, -11.05, 36.87
CIELCh	81, 38.490, 106.677
Yxy	58.2805, 0.3666, 0.4180
Android (android.graphics.Color)	4291677571 (0xFFCDCD83)
YUV	196.5640, -32.3231, 7.3984
Hunter-Lab	76.3417, -14.0847, 30.1147

Details

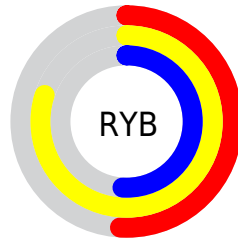
The Yxy color **58.2805, 0.3666, 0.4180** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **25.4859, 0.2475, 0.2212**, and the grayscale version is **55.7512, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **29.1964, 0.3791, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **57.7746, 0.3804, 0.4408**, and if you desaturate by 10%, it is **58.9017, 0.3518, 0.3936**.

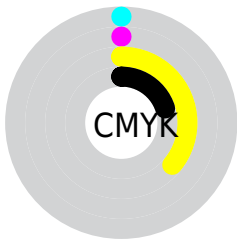
Distribution



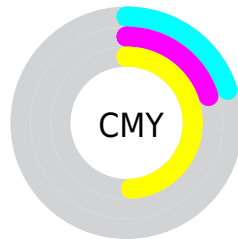
- Red (80%)
- Green (80%)
- Blue (51%)



- Red (51%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (20%)





- Cyan (20%)
- Magenta (20%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2805, 0.3666, 0.4180 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 58.2805, 0.3666, 0.4180 by changing the saturation by 10% instead.


 58.2805, 0.3666,
0.4180


 58.2805, 0.3666,
0.4180

418.2303, 0.3418,
0.3748

 42.0342, 0.3720,
0.4282


 102.3312, 0.3581,
0.4027

 29.1281, 0.3785,
0.4409


 130.9044, 0.3548,
0.3968

 19.1777, 0.3863,
0.4570


 164.3554, 0.3519,
0.3918

 11.7988, 0.3956,
0.4779

203.0685, 0.3494,
0.3875

 6.6068, 0.4059,
0.5055

247.4281, 0.3471,
0.3837

 3.2174, 0.4337,
0.5663

297.8187, 0.3451,

 1.2463, 0.4131,

0.3804

0.5869

354.6247, 0.3434,
0.3774

■ 0.0990, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2805, 0.3666,
0.4180

■ 58.2805, 0.3666,
0.4180

■ 57.7746, 0.3804,
0.4408

■ 58.9017, 0.3518,
0.3936

■ 57.3696, 0.3927,
0.4612

■ 59.6363, 0.3367,
0.3686

■ 57.0608, 0.4030,
0.4781

■ 60.4924, 0.3217,
0.3438

■ 56.8402, 0.4108,
0.4910

■ 61.4753, 0.3071,
0.3198

■ 56.6984, 0.4160,
0.4995

■ 62.5898, 0.2934,
0.2970

■ 56.6233, 0.4187,
0.5040

■ 63.8406, 0.2805,
0.2758

■ 56.6033, 0.4194,
0.5052

■ 63.9087, 0.2799,
0.2749

■ 63.9151, 0.2799,
0.2749

■ 63.9215, 0.2799,
0.2749

Harmonies

Analogous

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



58.2805, 0.4016, 0.3967



58.2805, 0.3666, 0.4180



58.2805, 0.3187, 0.4129

Triad

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



58.2805, 0.3666, 0.4180



58.2805, 0.2223, 0.2845



58.2805, 0.3512, 0.2856

Complementary

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



58.2805, 0.3666, 0.4180



25.4859, 0.2475, 0.2212

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.



58.2805, 0.3003, 0.2600



58.2805, 0.3666, 0.4180



58.2805, 0.2292, 0.2571

Square

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



58.2805, 0.3666, 0.4180



58.2805, 0.2370, 0.3290



58.2805, 0.2564, 0.2495



58.2805, 0.3937, 0.3213

Rectangle

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



58.2805, 0.3666, 0.4180



58.2805, 0.2863, 0.3927



58.2805, 0.2564, 0.2495



58.2805, 0.3343, 0.2757

Sweetspot

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



58.2831, 0.3666, 0.4180



98.3116, 0.3292, 0.3562



30.8944, 0.3976, 0.3277



21.0020, 0.3313, 0.3596



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.



58.2831, 0.3666, 0.4180



94.7896, 0.3770, 0.4352



53.7852, 0.3368, 0.4276



13.0954, 0.3266, 0.3519



35.2225, 0.4194, 0.5052



1.8175, 0.4194, 0.5052

Inverse Universe

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



25.4859, 0.2475, 0.2212



33.6514, 0.2316, 0.1949



28.8395, 0.2794, 0.2300



10.8452, 0.2982, 0.3050



2.7463, 0.1500, 0.0601



0.1421, 0.1501, 0.0602

Previews

White Background



This preview shows how the Yxy color 58.2805, 0.3666, 0.4180 looks on a white background.

Color Contrast Check

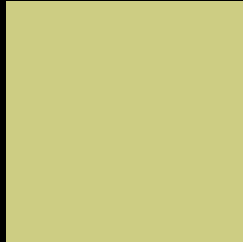
Large Text (above 18pt) WCAG AA × Fail

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 58.2805, 0.3666, 0.4180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

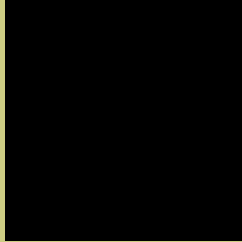
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2805, 0.3666, 0.4180

Background



This preview shows how black text looks on a background with the Yxy color 58.2805, 0.3666, 0.4180.



This preview shows how white text looks on a background with the Yxy color 58.2805, 0.3666, 0.4180.

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

58.2805, 0.3666, 0.4180

Protanopia

58.2637, 0.3807, 0.4126

Deuteranopia

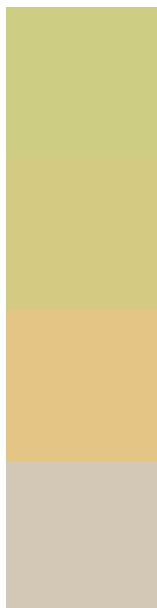
58.1213, 0.4010, 0.3922



Tritanopia

58.0295, 0.3159, 0.3107

Trichromacy



Original Color

58.2805, 0.3666, 0.4180

Protanomaly

57.9989, 0.3753, 0.4139

Deuteranomaly

58.1199, 0.3882, 0.4015

Tritanomaly

58.0731, 0.3351, 0.3491

Monochromacy



Original Color

58.2805, 0.3666, 0.4180

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6050, 0.3327, 0.3621

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2805, 0.3666, 0.4180 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(205, 205, 131)` looks like.

```
.text, #text, p{  
    color:rgb(205, 205, 131)  
}
```

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(205, 205, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 205, 131) }
```

Border

The CSS property to change the border of an element to Yxy 58.2805, 0.3666, 0.4180 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(205, 205, 131) }
```

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

```
.border{ border-color:rgb(205, 205, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 205, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 205, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 205, 131);  
box-shadow:4px 4px 4px 4px rgb(205, 205,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2805, 0.3666, 0.4180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 131) }
```

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

```
.background{ background-color: rgb(205,  
205, 131) }
```

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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