

Converting Colors

Yxy(59.8827, 0.3700, 0.4139)

Have a look what the booklet for
Yxy(59.8827, 0.3700, 0.4139)
contains.

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Color

Yxy(59.8609, 0.3700, 0.4138)

Conversions

Conversions Part 1

Format	Color
Hex	D4CE86
RGB	212, 206, 134
RGB Percent	83%, 81%, 53%
CMY	0.1686, 0.1921, 0.4746
CMYK	0.00, 0.03, 0.37, 0.17
HSL	55°, 48%, 68%
HSV	55°, 37%, 83%
XYZ	53.5247, 59.8609, 31.2758
YIQ	199.5860, 26.6880, -21.1200

Conversions

Conversions Part 2

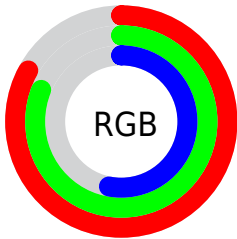
Format	Color
RYB	141, 212, 134
Decimal	13946502
CIELab	81.76, -8.49, 36.59
CIELCh	82, 37.568, 103.066
Yxy	59.8609, 0.3700, 0.4138
Android (android.graphics.Color)	4292136582 (0xFFD4CE86)
YUV	199.5860, -32.3339, 10.8871
Hunter-Lab	77.3698, -11.9102, 30.1916

Details

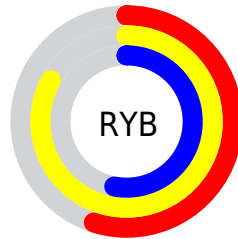
The Yxy color **59.8609, 0.3700, 0.4138** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.5662, 0.2471, 0.2270**, and the grayscale version is **57.6813, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **30.1489, 0.3826, 0.4353** is the 20% darker color. If you saturate the color by 10%, you get **58.5498, 0.3852, 0.4354**, and if you desaturate by 10%, it is **61.3042, 0.3542, 0.3909**.

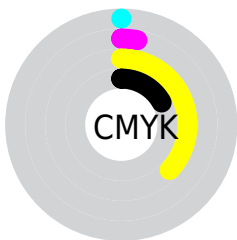
Distribution



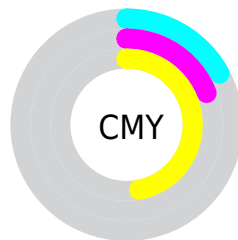
- Red (83%)
- Green (81%)
- Blue (53%)



- Red (55%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (3%)
- Yellow (37%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8609, 0.3700, 0.4138 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 59.8609, 0.3700, 0.4138 by changing the saturation by 10% instead.

■ 59.8609, 0.3700,
0.4138

■ 59.8609, 0.3700,
0.4138

424.0849, 0.3435,
0.3730

■ 43.3065, 0.3758,
0.4233

■ 104.6279, 0.3609,
0.3995

■ 30.1257, 0.3829,
0.4351

■ 133.6092, 0.3574,
0.3939

■ 19.9340, 0.3914,
0.4499

■ 167.5017, 0.3543,
0.3892

■ 12.3471, 0.4017,
0.4690

206.6897, 0.3516,
0.3851

■ 6.9805, 0.4138,
0.4940

251.5577, 0.3492,
0.3815

■ 3.4499, 0.4427,
0.5470

302.4899, 0.3471,

■ 1.3709, 0.4325,

0.3784

0.5675

359.8708, 0.3452,
0.3756

0.1951, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.8609, 0.3700,
0.4138

59.8609, 0.3700,
0.4138

58.5498, 0.3852,
0.4354

61.3042, 0.3542,
0.3909

57.3555, 0.3992,
0.4546


62.8779, 0.3383,
0.3674

56.2729, 0.4113,
0.4706


64.5911, 0.3228,
0.3443


55.2930, 0.4210,
0.4825


66.4492, 0.3081,
0.3220

 54.4053, 0.4281,
0.4900


 68.4578, 0.2943,
0.3009

 53.5962, 0.4324,
0.4933

 70.2179, 0.2852,
0.2873

 53.3468, 0.4336,
0.4939

 71.0558, 0.2853,
0.2891

 71.9020, 0.2854,
0.2908

 72.7566, 0.2854,
0.2926

Harmonies

Analogous

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



59.8609, 0.4015, 0.3911



59.8609, 0.3700, 0.4138



59.8609, 0.3245, 0.4122

Triad

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



59.8609, 0.3700, 0.4138



59.8609, 0.2256, 0.2905



59.8609, 0.3442, 0.2833

Complementary

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



59.8609, 0.3700, 0.4138



28.5662, 0.2471, 0.2270

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.



59.8609, 0.2950, 0.2600



59.8609, 0.3700, 0.4138



59.8609, 0.2298, 0.2616

Square

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



59.8609, 0.3700, 0.4138



59.8609, 0.2424, 0.3349



59.8609, 0.2540, 0.2517



59.8609, 0.3871, 0.3172

Rectangle

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



59.8609, 0.3700, 0.4138



59.8609, 0.2927, 0.3949



59.8609, 0.2540, 0.2517



59.8609, 0.3277, 0.2741

Sweetspot

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



59.8636, 0.3700, 0.4138



96.9555, 0.3294, 0.3542



32.9470, 0.3941, 0.3211



20.6762, 0.3316, 0.3574



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.



59.8636, 0.3700, 0.4138



89.3782, 0.3817, 0.4305



58.4513, 0.3413, 0.4286



14.3490, 0.3268, 0.3503



32.9992, 0.4334, 0.4941



2.0400, 0.4307, 0.4962

Inverse Universe

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



28.5662, 0.2471, 0.2270



35.3114, 0.2312, 0.2017



29.9550, 0.2738, 0.2263



12.1605, 0.2981, 0.3068



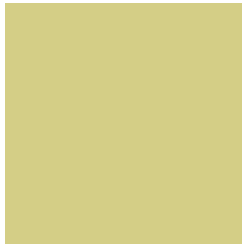
3.2258, 0.1515, 0.0653



0.2493, 0.1559, 0.0812

Previews

White Background



This preview shows how the Yxy color 59.8609, 0.3700, 0.4138 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 59.8609, 0.3700, 0.4138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

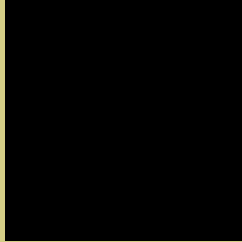
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8609, 0.3700, 0.4138

Background



This preview shows how black text looks on a background with the Yxy color 59.8609, 0.3700, 0.4138.



This preview shows how white text looks on a background with the Yxy color 59.8609, 0.3700, 0.4138.

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

59.8609, 0.3700, 0.4138

Protanopia

59.7775, 0.3795, 0.4095

Deuteranopia

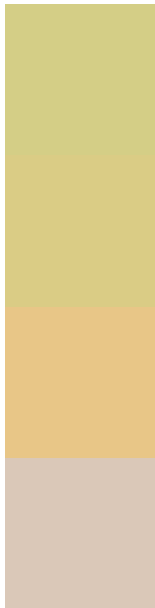
59.4158, 0.4002, 0.3917



Tritanopia

59.6055, 0.3207, 0.3111

Trichromacy



Original Color

59.8609, 0.3700, 0.4138

Protanomaly

59.7846, 0.3766, 0.4113

Deuteranomaly

59.2932, 0.3896, 0.3994

Tritanomaly

59.6747, 0.3391, 0.3476

Monochromacy



Original Color

59.8609, 0.3700, 0.4138

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2130, 0.3334, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8609, 0.3700, 0.4138 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, 206, 134)` looks like.

```
.text, #text, p{  
    color:rgb(212, 206, 134)  
}
```

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, 206, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 206, 134) }
```

Border

The CSS property to change the border of an element to Yxy 59.8609, 0.3700, 0.4138 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, 206, 134) }
```

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

```
.border{ border-color:rgb(212, 206, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 206, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 206, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 206, 134); box-shadow:4px 4px 4px 4px rgb(212, 206, 134) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8609, 0.3700, 0.4138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 206, 134) }
```

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

```
.background{ background-color: rgb(212,  
206, 134) }
```

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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