

Converting Colors

Yxy(59.2942, 0.3803, 0.4144)

Have a look what the booklet for
Yxy(59.2942, 0.3803, 0.4144)
contains.

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Color

Yxy(59.3569, 0.3807, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	DBC8B1
RGB	219, 203, 129
RGB Percent	86%, 80%, 51%
CMY	0.1412, 0.2039, 0.4941
CMYK	0.00, 0.07, 0.41, 0.14
HSL	49°, 56%, 68%
HSV	49°, 41%, 86%
XYZ	54.5299, 59.3569, 29.3490
YIQ	199.3480, 33.2900, -19.6220

Conversions

Conversions Part 2

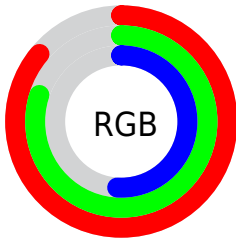
Format	Color
RYB	148, 219, 129
Decimal	14404481
CIELab	81.49, -4.74, 38.89
CIElCh	81, 39.176, 96.947
Yxy	59.3569, 0.3807, 0.4144
Android (android.graphics.Color)	4292594561 (0xFFDBCB81)
YUV	199.3480, -34.6816, 17.2348
Hunter-Lab	77.0434, -8.4871, 31.3444

Details

The Yxy color **59.3569, 0.3807, 0.4144** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.0251, 0.2401, 0.2256**, and the grayscale version is **57.5395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **29.7263, 0.3958, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **57.0241, 0.3978, 0.4335**, and if you desaturate by 10%, it is **61.8661, 0.3633, 0.3938**.

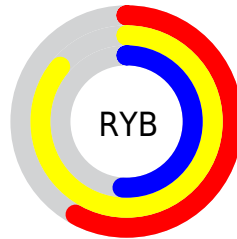
Distribution



Red (86%)

Green (80%)

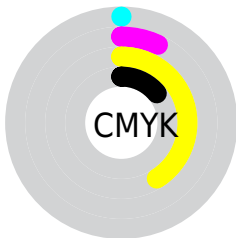
Blue (51%)



Red (58%)

Yellow (86%)

Blue (51%)

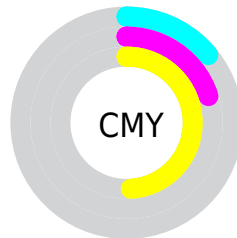


Cyan (0%)

Magenta (7%)

Yellow (41%)

Black (14%)



Cyan (14%)


Magenta (20%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3569, 0.3807, 0.4144 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 59.3569, 0.3807, 0.4144 by changing the saturation by 10% instead.

 59.3569, 0.3807,
0.4144

 59.3569, 0.3807,
0.4144


422.2232, 0.3491,
0.3738

 42.9005, 0.3877,
0.4237


 103.8962, 0.3698,
0.4002

 29.8070, 0.3962,
0.4351


 132.7479, 0.3656,
0.3948

 19.6922, 0.4064,
0.4492


 166.5001, 0.3619,
0.3900

 12.1715, 0.4189,
0.4670

205.5373, 0.3587,
0.3859

 6.8606, 0.4335,
0.4893

250.2438, 0.3558,
0.3823

 3.3751, 0.4650,
0.5350

301.0040, 0.3533,

 1.3305, 0.4568,

0.3792

0.5432

358.2024, 0.3511,
0.3763

■ 0.1647, 0.1987,
0.8013

■ 0.0000, 0.0000,
0.0000

■ 59.3569, 0.3807,
0.4144

■ 59.3569, 0.3807,
0.4144

■ 57.0241, 0.3978,
0.4335

■ 61.8661, 0.3633,
0.3938

■ 54.8510, 0.4139,
0.4502


■ 64.5511, 0.3462,
0.3726

■ 52.8311, 0.4282,
0.4633

■ 67.4218, 0.3298,
0.3515


■ 50.9538, 0.4401,
0.4722

■ 70.4847, 0.3143,
0.3312


 49.2064, 0.4491,
0.4764

 73.7461, 0.3001,
0.3119

 47.7409, 0.4550,
0.4769

 76.8599, 0.2902,
0.2992

 79.0037, 0.2903,
0.3033

 81.1958, 0.2904,
0.3074

 83.4365, 0.2906,
0.3115

Harmonies

Analogous

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



59.3569, 0.4093, 0.3867



59.3569, 0.3807, 0.4144



59.3569, 0.3350, 0.4191

Triad

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



59.3569, 0.3807, 0.4144



59.3569, 0.2238, 0.2970



59.3569, 0.3350, 0.2754

Complementary

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



59.3569, 0.3807, 0.4144



30.0251, 0.2401, 0.2256

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.



59.3569, 0.2843, 0.2540



59.3569, 0.3807, 0.4144



59.3569, 0.2237, 0.2631

Square

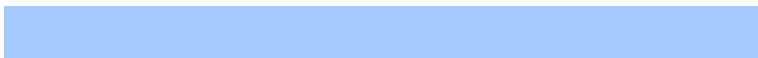
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.3569, 0.3807, 0.4144



59.3569, 0.2454, 0.3456



59.3569, 0.2448, 0.2490



59.3569, 0.3827, 0.3088

Rectangle

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



59.3569, 0.3807, 0.4144



59.3569, 0.3016, 0.4051



59.3569, 0.2448, 0.2490



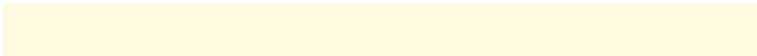
59.3569, 0.3176, 0.2666

Sweetspot

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



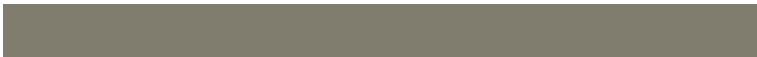
59.3596, 0.3807, 0.4144



94.7648, 0.3314, 0.3536



32.8175, 0.3977, 0.3092



20.1668, 0.3335, 0.3564



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.



59.3596, 0.3807, 0.4144



81.0419, 0.3950, 0.4305



63.2551, 0.3512, 0.4386



14.8499, 0.3271, 0.3481



28.4556, 0.4544, 0.4774



1.9487, 0.4477, 0.4827

Inverse Universe

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



30.0251, 0.2401, 0.2256



34.5051, 0.2237, 0.2003



28.0309, 0.2599, 0.2103



12.9893, 0.2981, 0.3092



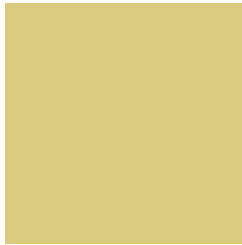
4.0021, 0.1547, 0.0767



0.3734, 0.1624, 0.1046

Previews

White Background



This preview shows how the Yxy color 59.3569, 0.3807, 0.4144 looks on a white background.

Color Contrast Check

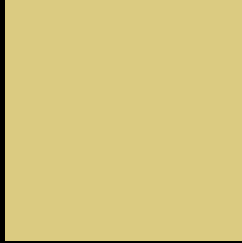
Large Text (above 18pt) WCAG AA × Fail

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 59.3569, 0.3807, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

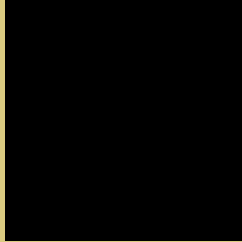
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

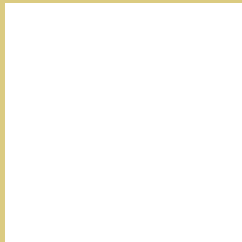
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3569, 0.3807, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 59.3569, 0.3807, 0.4144.



This preview shows how white text looks on a background with the Yxy color 59.3569, 0.3807, 0.4144.

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

59.3569, 0.3807, 0.4144

Protanopia

59.1982, 0.3829, 0.4128

Deuteranopia

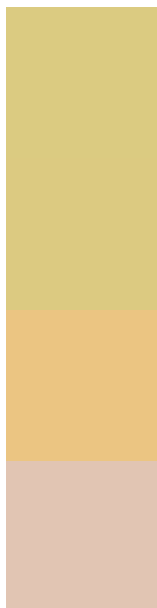
59.4554, 0.4049, 0.3966



Tritanopia

59.1880, 0.3296, 0.3124

Trichromacy



Original Color

59.3569, 0.3807, 0.4144

Protanomaly

59.0417, 0.3820, 0.4131

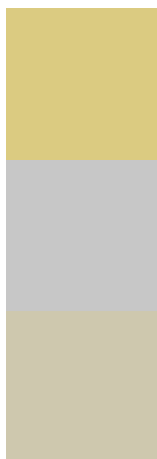
Deuteranomaly

59.2064, 0.3965, 0.4029

Tritanomaly

59.1947, 0.3494, 0.3496

Monochromacy



Original Color

59.3569, 0.3807, 0.4144

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.4864, 0.3369, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3569, 0.3807, 0.4144 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(219, 203, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 129)  
}
```

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(219, 203, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 129) }
```

Border

The CSS property to change the border of an element to Yxy 59.3569, 0.3807, 0.4144 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(219, 203, 129) }
```

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

```
.border{ border-color:rgb(219, 203, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 203, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 203, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 203, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 203,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3569, 0.3807, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 129) }
```

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

```
.background{ background-color: rgb(219,  
203, 129) }
```

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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