

Converting Colors

$Yxy(60.2087, 0.3851, 0.4153)$

Have a look what the booklet for
Yxy(60.2087, 0.3851, 0.4153)
contains.

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Color

Yxy(59.9584, 0.3848, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	DFCB80
RGB	223, 203, 128
RGB Percent	87%, 80%, 50%
CMY	0.1256, 0.2039, 0.4981
CMYK	0.00, 0.09, 0.43, 0.13
HSL	47°, 60%, 69%
HSV	47°, 43%, 87%
XYZ	55.6757, 59.9584, 29.0532
YIQ	200.4300, 35.9950, -19.0850

Conversions

Conversions Part 2

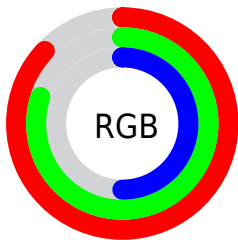
Format	Color
R_{YB}	153, 223, 128
Decimal	14666624
CIE _{Lab}	81.82, -3.26, 39.89
CIE _{LCh}	82, 40.023, 94.677
Yxy	59.9584, 0.3848, 0.4144
Android (android.graphics.Color)	4292856704 (0xFFDFCB80)
YUV	200.4300, -35.7080, 19.7939
Hunter-Lab	77.4328, -7.1625, 31.9570

Details

The Yxy color **59.9584, 0.3848, 0.4144** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **31.0725, 0.2378, 0.2253**, and the grayscale version is **58.2443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **30.1377, 0.4012, 0.4347** is the 20% darker color. If you saturate the color by 10%, you get **57.2581, 0.4026, 0.4327**, and if you desaturate by 10%, it is **62.8601, 0.3668, 0.3946**.

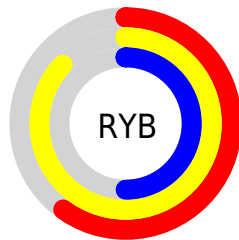
Distribution



Red (87%)

Green (80%)

Blue (50%)



Red (60%)

Yellow (87%)

Blue (50%)

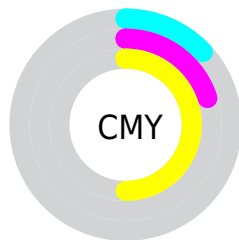


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (13%)



Cyan (13%)


Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9584, 0.3848, 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 59.9584, 0.3848, 0.4144 by changing the saturation by 10% instead.


 59.9584, 0.3848,
0.4144

 59.9584, 0.3848,
0.4144


424.4444, 0.3513,
0.3741

 43.3851, 0.3922,
0.4235


 104.7693, 0.3733,
0.4004

 30.1874, 0.4012,
0.4346


 133.7757, 0.3688,
0.3950

 19.9809, 0.4120,
0.4484


 167.6953, 0.3649,
0.3903

 12.3811, 0.4252,
0.4654

206.9124, 0.3615,
0.3862

 7.0038, 0.4407,
0.4864

251.8115, 0.3585,
0.3826

 3.4645, 0.4722,
0.5278

302.7769, 0.3558,

 1.3788, 0.4667,

0.3795

0.5333

360.1931, 0.3534,
0.3766

0.2010, 0.3566,
0.6434

0.0000, 0.0000,
0.0000

59.9584, 0.3848,
0.4144

59.9584, 0.3848,
0.4144

57.2581, 0.4026,
0.4327

62.8601, 0.3668,
0.3946

54.7417, 0.4195,
0.4484


65.9632, 0.3491,
0.3741

52.4019, 0.4346,
0.4605

69.2781, 0.3323,
0.3537


50.2270, 0.4473,
0.4682

72.8122, 0.3166,
0.3340


 48.2032, 0.4570,
0.4711


 76.5722, 0.3021,
0.3153

 46.7867, 0.4627,
0.4708

 80.1213, 0.2928,
0.3044

 82.7800, 0.2930,
0.3093

 85.5095, 0.2931,
0.3142

 88.3102, 0.2932,
0.3190

Harmonies

Analogous

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



59.9584, 0.4121, 0.3848



59.9584, 0.3848, 0.4144



59.9584, 0.3392, 0.4215

Triad

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



59.9584, 0.3848, 0.4144



59.9584, 0.2232, 0.2997



59.9584, 0.3314, 0.2723

Complementary

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



59.9584, 0.3848, 0.4144



31.0725, 0.2378, 0.2253

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.



59.9584, 0.2802, 0.2518



59.9584, 0.3848, 0.4144



59.9584, 0.2215, 0.2639

Square

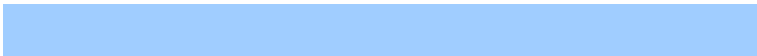
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.9584, 0.3848, 0.4144



59.9584, 0.2468, 0.3498



59.9584, 0.2413, 0.2481



59.9584, 0.3808, 0.3055

Rectangle

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



59.9584, 0.3848, 0.4144



59.9584, 0.3052, 0.4089



59.9584, 0.2413, 0.2481



59.9584, 0.3137, 0.2638

Sweetspot

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



59.9612, 0.3848, 0.4144



93.6833, 0.3331, 0.3547



33.2723, 0.3987, 0.3047



19.8335, 0.3368, 0.3592



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.



59.9612, 0.3848, 0.4144



78.0518, 0.4005, 0.4306



66.0606, 0.3549, 0.4419



15.5151, 0.3272, 0.3474



27.6870, 0.4619, 0.4715



2.0431, 0.4541, 0.4777

Inverse Universe

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



31.0725, 0.2378, 0.2253



34.1195, 0.2208, 0.1994



27.7174, 0.2547, 0.2045



13.7075, 0.2981, 0.3099



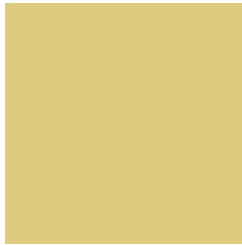
4.4532, 0.1561, 0.0819



0.4381, 0.1639, 0.1099

Previews

White Background



This preview shows how the Yxy color 59.9584, 0.3848, 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 59.9584, 0.3848, 0.4144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

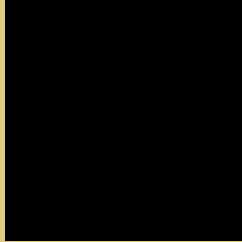
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.9584, 0.3848, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 59.9584, 0.3848, 0.4144.



This preview shows how white text looks on a background with the Yxy color 59.9584, 0.3848, 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

59.9584, 0.3848, 0.4144

Protanopia

59.8000, 0.3840, 0.4146

Deuteranopia

59.6078, 0.4065, 0.3974



Tritanopia

59.6829, 0.3321, 0.3126

Trichromacy



Original Color

59.9584, 0.3848, 0.4144

Protanomaly

59.8000, 0.3840, 0.4146

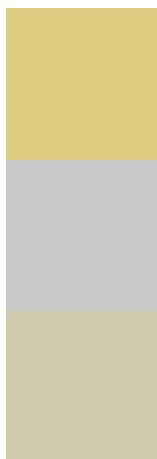
Deuteranomaly

59.5220, 0.3989, 0.4035

Tritanomaly

59.6812, 0.3519, 0.3495

Monochromacy



Original Color

59.9584, 0.3848, 0.4144

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.2392, 0.3384, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9584, 0.3848, 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(223, 203, 128)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 128)  
}
```

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(223, 203, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 128) }
```

Border

The CSS property to change the border of an element to Yxy 59.9584, 0.3848, 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(223, 203, 128) }
```

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

```
.border{ border-color:rgb(223, 203, 128) }
```

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

Here you see how a box with a 4 pixel rgb(223, 203, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 203, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 203, 128);  
box-shadow:4px 4px 4px 4px rgb(223, 203,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9584, 0.3848, 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(223, 203, 128) }
```

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

```
.background{ background-color: rgb(223,  
203, 128) }
```

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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