

Converting Colors

Yxy(52.5311, 0.3982, 0.4063)

Have a look what the booklet for
Yxy(52.5311, 0.3982, 0.4063)
contains.

Yxy(52.5847, 0.3988, 0.4064)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.5847, 0.3988, 0.4064)

Conversions

Conversions Part 1

Format	Color
Hex	DFBB78
RGB	223, 187, 120
RGB Percent	87%, 73%, 47%
CMY	0.1253, 0.2667, 0.5293
CMYK	0.00, 0.16, 0.46, 0.13
HSL	39°, 62%, 67%
HSV	39°, 46%, 87%
XYZ	51.6013, 52.5847, 25.2055
YIQ	190.1260, 42.9630, -13.2050

Conversions

Conversions Part 2

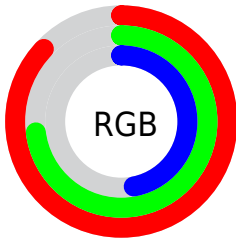
Format	Color
RYB	175, 223, 120
Decimal	14662520
CIELab	77.63, 4.32, 38.63
CIELCh	78, 38.867, 83.623
Yxy	52.5847, 0.3988, 0.4064
Android (android.graphics.Color)	4292852600 (0xFFDFB78)
YUV	190.1260, -34.5721, 28.8305
Hunter-Lab	72.5153, 0.1174, 30.1522

Details

The Yxy color **52.5847, 0.3988, 0.4064** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.1236, 0.2345, 0.2356**, and the grayscale version is **51.7575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3783, 0.3649, 0.3989**, and **25.5994, 0.4201, 0.4241** is the 20% darker color. If you saturate the color by 10%, you get **48.8854, 0.4205, 0.4213**, and if you desaturate by 10%, it is **56.5950, 0.3776, 0.3899**.

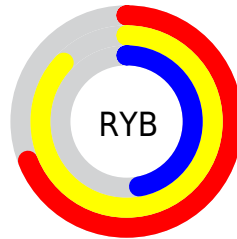
Distribution



Red (87%)

Green (73%)

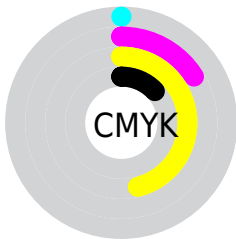
Blue (47%)



Red (69%)

Yellow (87%)

Blue (47%)

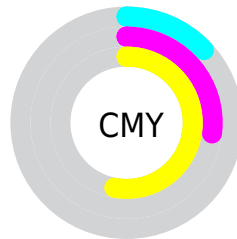


Cyan (0%)

Magenta (16%)

Yellow (46%)

Black (13%)



Cyan (13%)


Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.5847, 0.3988, 0.4064 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 52.5847, 0.3988, 0.4064 by changing the saturation by 10% instead.

 52.5847, 0.3988,
0.4064

 52.5847, 0.3988,
0.4064

396.6897, 0.3574,
0.3700

 37.4713, 0.4083,
0.4145


 93.9930, 0.3843,
0.3938

 25.5726, 0.4200,
0.4244


 121.0567, 0.3787,
0.3889

 16.5042, 0.4345,
0.4363


 152.8726, 0.3739,
0.3846

 9.8816, 0.4526,
0.4505

189.8252, 0.3697,
0.3809

 5.3206, 0.4764,
0.4682

232.2988, 0.3660,
0.3777

 2.4365, 0.5093,
0.4907

280.6778, 0.3628,

 0.8446, 0.5186,

0.3748

0.4814

335.3467, 0.3600,
0.3722

0.0000, 0.0000,
0.0000

52.5847, 0.3988,
0.4064

52.5847, 0.3988,
0.4064

48.8854, 0.4205,
0.4213

56.5950, 0.3776,
0.3899

45.4780, 0.4419,
0.4335

60.9198, 0.3576,
0.3726

42.3521, 0.4620,
0.4418


65.5715, 0.3391,
0.3555


39.4929, 0.4796,
0.4453

70.5596, 0.3223,
0.3389

36.8828, 0.4939,
0.4435


75.8931, 0.3071,
0.3231

 35.9430, 0.4989,
0.4420

 81.5805, 0.2936,
0.3084

 86.1923, 0.2932,
0.3153

 90.9280, 0.2933,
0.3233

 94.4338, 0.2935,
0.3289

Harmonies

Analogous

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



52.5847, 0.4169, 0.3713



52.5847, 0.3988, 0.4064



52.5847, 0.3579, 0.4237

Triad

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



52.5847, 0.3988, 0.4064



52.5847, 0.2283, 0.3169



52.5847, 0.3118, 0.2622

Complementary

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



52.5847, 0.3988, 0.4064



33.1236, 0.2345, 0.2356

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.



52.5847, 0.2633, 0.2472



52.5847, 0.3988, 0.4064



52.5847, 0.2183, 0.2740

Square

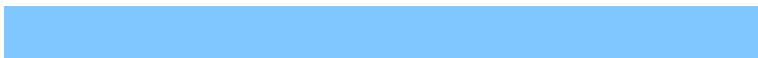
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.5847, 0.3988, 0.4064



52.5847, 0.2597, 0.3695



52.5847, 0.2305, 0.2505



52.5847, 0.3646, 0.2916

Rectangle

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



52.5847, 0.3988, 0.4064



52.5847, 0.3241, 0.4191



52.5847, 0.2305, 0.2505



52.5847, 0.2944, 0.2554

Sweetspot

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



52.5872, 0.3988, 0.4064



90.1976, 0.3355, 0.3520



31.5347, 0.3924, 0.2867



19.0002, 0.3393, 0.3556



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.



52.5872, 0.3988, 0.4064



66.5988, 0.4188, 0.4203



67.5014, 0.3686, 0.4469



15.1801, 0.3276, 0.3442



21.3457, 0.4974, 0.4433



1.6455, 0.4823, 0.4552

Inverse Universe

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



33.1236, 0.2345, 0.2356



37.3360, 0.2185, 0.2128



23.9579, 0.2372, 0.1887



14.0239, 0.2981, 0.3133



6.5309, 0.1647, 0.1129



0.6166, 0.1733, 0.1439

Previews

White Background



This preview shows how the Yxy color 52.5847, 0.3988, 0.4064 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 52.5847, 0.3988, 0.4064 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 52.5847, 0.3988, 0.4064

Background



This preview shows how black text looks on a background with the Yxy color 52.5847, 0.3988, 0.4064.



This preview shows how white text looks on a background with the Yxy color 52.5847, 0.3988, 0.4064.

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

52.5847, 0.3988, 0.4064

Protanopia

52.6597, 0.3821, 0.4136

Deuteranopia

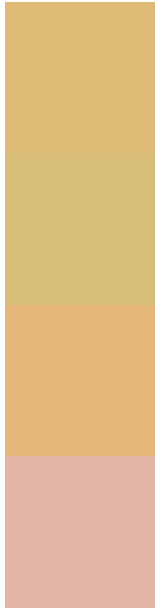
52.4033, 0.4083, 0.3987



Tritanopia

52.4696, 0.3467, 0.3133

Trichromacy



Original Color

52.5847, 0.3988, 0.4064

Protanomaly

52.5035, 0.3884, 0.4111

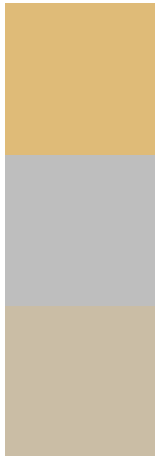
Deuteranomaly

52.3195, 0.4050, 0.4005

Tritanomaly

52.1318, 0.3661, 0.3465

Monochromacy



Original Color

52.5847, 0.3988, 0.4064

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.6684, 0.3427, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5847, 0.3988, 0.4064 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, 187, 120)` looks like.

```
.text, #text, p{  
    color:rgb(223, 187, 120)  
}
```

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, 187, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 187, 120) }
```

Border

The CSS property to change the border of an element to Yxy 52.5847, 0.3988, 0.4064 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, 187, 120) }
```

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

```
.border{ border-color:rgb(223, 187, 120) }
```

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

Here you see how a box with a 4 pixel rgb(223, 187, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 187, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 187, 120);  
box-shadow:4px 4px 4px 4px rgb(223, 187,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5847, 0.3988, 0.4064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 187, 120) }
```

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

```
.background{ background-color: rgb(223,  
187, 120) }
```

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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