

Converting Colors

$Y_{xy}(53.7050, 0.3880, 0.4033)$

Have a look what the booklet for
Yxy(53.7050, 0.3880, 0.4033)
contains.

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Color

Yxy(53.8540, 0.3877, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	DBBF7F
RGB	219, 191, 127
RGB Percent	86%, 75%, 50%
CMY	0.1413, 0.2509, 0.5020
CMYK	0.00, 0.13, 0.42, 0.14
HSL	42°, 56%, 68%
HSV	42°, 42%, 86%
XYZ	51.6684, 53.8540, 27.7466
YIQ	192.0760, 37.2320, -13.9680

Conversions

Conversions Part 2

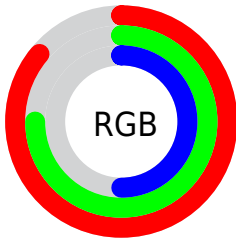
Format	Color
RYB	167, 219, 127
Decimal	14401407
CIELab	78.38, 1.27, 35.92
CIELCh	78, 35.942, 87.971
Yxy	53.8540, 0.3877, 0.4041
Android (android.graphics.Color)	4292591487 (0xFFDDBBF7F)
YUV	192.0760, -32.0825, 23.6123
Hunter-Lab	73.3853, -2.7477, 28.9525

Details

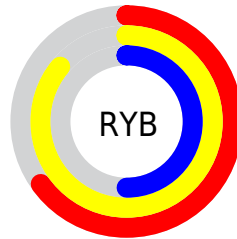
The Yxy color **53.8540, 0.3877, 0.4041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.0498, 0.2411, 0.2396**, and the grayscale version is **52.9330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0768, 0.3594, 0.3956**, and **26.3942, 0.4052, 0.4223** is the 20% darker color. If you saturate the color by 10%, you get **50.5087, 0.4080, 0.4208**, and if you desaturate by 10%, it is **57.4603, 0.3679, 0.3862**.

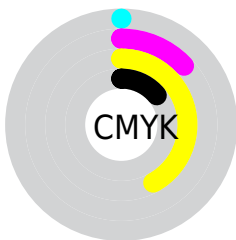
Distribution



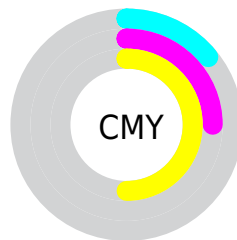
- Red (86%)
- Green (75%)
- Blue (50%)



- Red (65%)
- Yellow (86%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8540, 0.3877, 0.4041 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 53.8540, 0.3877, 0.4041 by changing the saturation by 10% instead.


 53.8540, 0.3877,
0.4041


 53.8540, 0.3877,
0.4041


401.5530, 0.3518,
0.3683


 38.4849, 0.3960,
0.4123


 95.8598, 0.3751,
0.3916

 26.3593, 0.4062,
0.4223

 123.2654, 0.3702,
0.3868

 17.0926, 0.4189,
0.4347


 155.4520, 0.3661,
0.3826

 10.3005, 0.4348,
0.4501

192.8039, 0.3624,
0.3790

 5.5987, 0.4548,
0.4691

235.7055, 0.3593,
0.3758

 2.6026, 0.4937,
0.5063

284.5414, 0.3565,

 0.9280, 0.4963,

0.3730

0.5037

339.6957, 0.3540,
0.3706

0.0000, 0.0000,
0.0000

53.8540, 0.3877,
0.4041

53.8540, 0.3877,
0.4041

50.5087, 0.4080,
0.4208

57.4603, 0.3679,
0.3862

47.4070, 0.4280,
0.4351

61.3292, 0.3491,
0.3678

44.5406, 0.4469,
0.4460

65.4717, 0.3317,
0.3498

41.8973, 0.4635,
0.4525

69.8957, 0.3157,
0.3324

39.4626, 0.4773,
0.4539

74.6088, 0.3013,
0.3160

■ 37.6484, 0.4863,
0.4521

■ 79.3989, 0.2903,
0.3040

■ 83.1946, 0.2905,
0.3110

■ 87.1335, 0.2908,
0.3180

■ 91.2171, 0.2910,
0.3248

Harmonies

Analogous

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



53.8540, 0.4076, 0.3738



53.8540, 0.3877, 0.4041



53.8540, 0.3481, 0.4158

Triad

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



53.8540, 0.3877, 0.4041



53.8540, 0.2322, 0.3117



53.8540, 0.3192, 0.2704

Complementary

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



53.8540, 0.3877, 0.4041



33.0498, 0.2411, 0.2396

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.



53.8540, 0.2730, 0.2543



53.8540, 0.3877, 0.4041



53.8540, 0.2258, 0.2743

Square

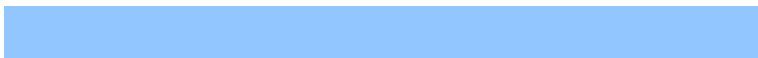
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.8540, 0.3877, 0.4041



53.8540, 0.2587, 0.3592



53.8540, 0.2401, 0.2549



53.8540, 0.3668, 0.2994

Rectangle

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



53.8540, 0.3877, 0.4041



53.8540, 0.3166, 0.4083



53.8540, 0.2401, 0.2549



53.8540, 0.3029, 0.2634

Sweetspot

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



53.8565, 0.3877, 0.4041



91.7850, 0.3335, 0.3517



32.6366, 0.3857, 0.2941



19.3618, 0.3373, 0.3557



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.



53.8565, 0.3877, 0.4041



72.0442, 0.4048, 0.4183



64.7528, 0.3617, 0.4374



14.5610, 0.3274, 0.3452



22.5311, 0.4851, 0.4531



1.6088, 0.4718, 0.4636

Inverse Universe

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



33.0498, 0.2411, 0.2396



39.1347, 0.2257, 0.2178



26.2057, 0.2480, 0.2040



13.2593, 0.2981, 0.3123



5.5519, 0.1615, 0.1014



0.5092, 0.1706, 0.1342

Previews

White Background



This preview shows how the Yxy color 53.8540, 0.3877, 0.4041 looks on a white background.

Color Contrast Check

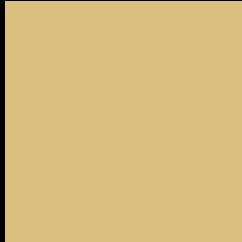
Large Text (above 18pt) WCAG AA × Fail

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 53.8540, 0.3877, 0.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

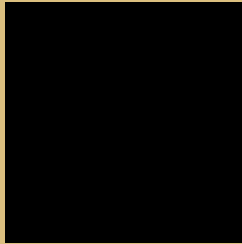
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8540, 0.3877, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 53.8540, 0.3877, 0.4041.



This preview shows how white text looks on a background with the Yxy color 53.8540, 0.3877, 0.4041.

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

53.8540, 0.3877, 0.4041

Protanopia

53.9910, 0.3785, 0.4083

Deuteranopia

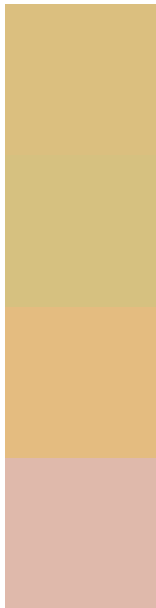
54.0000, 0.4019, 0.3942



Tritanopia

53.6102, 0.3392, 0.3132

Trichromacy



Original Color

53.8540, 0.3877, 0.4041

Protanomaly

53.9946, 0.3816, 0.4064

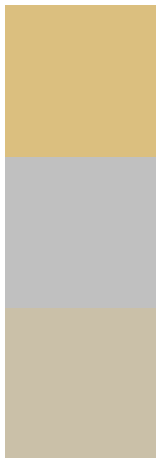
Deuteranomaly

54.0189, 0.3964, 0.3975

Tritanomaly

53.3262, 0.3571, 0.3454

Monochromacy



Original Color

53.8540, 0.3877, 0.4041

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.0830, 0.3397, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8540, 0.3877, 0.4041 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, 191, 127)` looks like.

```
.text, #text, p{  
    color:rgb(219, 191, 127)  
}
```

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, 191, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 191, 127) }
```

Border

The CSS property to change the border of an element to Yxy 53.8540, 0.3877, 0.4041 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, 191, 127) }
```

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

```
.border{ border-color:rgb(219, 191, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 191, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 191, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 191, 127);  
box-shadow:4px 4px 4px 4px rgb(219, 191,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8540, 0.3877, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 191, 127) }
```

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

```
.background{ background-color: rgb(219,  
191, 127) }
```

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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