

Converting Colors

Yxy(57.1031, 0.3783, 0.4188)

Have a look what the booklet for
Yxy(57.1031, 0.3783, 0.4188)
contains.

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Color

Yxy(57.2510, 0.3784, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	D4C97D
RGB	212, 201, 125
RGB Percent	83%, 79%, 49%
CMY	0.1688, 0.2117, 0.5098
CMYK	0.00, 0.05, 0.41, 0.17
HSL	52°, 50%, 66%
HSV	52°, 41%, 83%
XYZ	51.7282, 57.2510, 27.7233
YIQ	195.6250, 30.9520, -21.3040

Conversions

Conversions Part 2

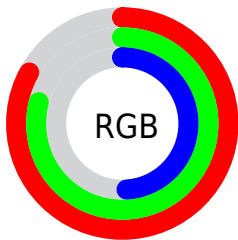
Format	Color
RYB	138, 212, 125
Decimal	13945213
CIELab	80.32, -6.95, 39.31
CIELCh	80, 39.917, 100.027
Yxy	57.2510, 0.3784, 0.4188
Android (android.graphics.Color)	4292135293 (0xFFD4C97D)
YUV	195.6250, -34.8181, 14.3609
Hunter-Lab	75.6644, -10.3805, 31.2413

Details

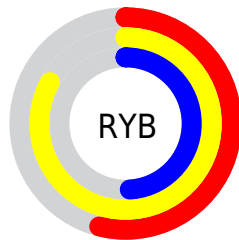
The Yxy color **57.2510, 0.3784, 0.4188** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.6960, 0.2393, 0.2194**, and the grayscale version is **55.1614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **28.4298, 0.3939, 0.4412** is the 20% darker color. If you saturate the color by 10%, you get **55.5374, 0.3943, 0.4388**, and if you desaturate by 10%, it is **59.1070, 0.3619, 0.3972**.

Distribution



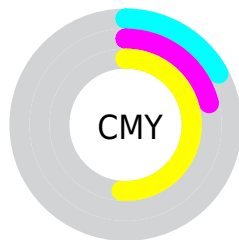
- Red (83%)
- Green (79%)
- Blue (49%)



- Red (54%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (5%)
- Yellow (41%)
- Black (17%)





- Cyan (17%)
- Magenta (21%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.2510, 0.3784, 0.4188 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 57.2510, 0.3784, 0.4188 by changing the saturation by 10% instead.


 57.2510, 0.3784,
0.4188


 57.2510, 0.3784,
0.4188


414.3892, 0.3479,
0.3756


 41.2068, 0.3851,
0.4288

 100.8313, 0.3679,
0.4037

 28.4807, 0.3932,
0.4411


 129.1363, 0.3638,
0.3978

 18.6883, 0.4030,
0.4565


 162.2969, 0.3602,
0.3928

 11.4453, 0.4147,
0.4760

200.6976, 0.3571,
0.3884

 6.3672, 0.4279,
0.5007

244.7228, 0.3544,
0.3846

 3.0696, 0.4534,
0.5466

294.7568, 0.3520,

 1.1682, 0.4402,

0.3813

0.5598

351.1842, 0.3498,
0.3783

■ 0.0355, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2510, 0.3784,
0.4188

■ 57.2510, 0.3784,
0.4188

■ 55.5374, 0.3943,
0.4388

■ 59.1070, 0.3619,
0.3972

■ 53.9507, 0.4088,
0.4562

■ 61.1043, 0.3455,
0.3749


■ 52.4852, 0.4215,
0.4700


■ 63.2520, 0.3294,
0.3527

■ 51.1314, 0.4316,
0.4796


■ 65.5559, 0.3142,
0.3312

 49.8777, 0.4389,
0.4846


 68.0216, 0.3000,
0.3107

 48.8201, 0.4435,
0.4860

 70.6544, 0.2869,
0.2915

 72.2198, 0.2854,
0.2915

 73.6261, 0.2855,
0.2944

 75.0548, 0.2856,
0.2973

Harmonies

Analogous

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



57.2510, 0.4103, 0.3918



57.2510, 0.3784, 0.4188



57.2510, 0.3303, 0.4208

Triad

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



57.2510, 0.3784, 0.4188



57.2510, 0.2202, 0.2914



57.2510, 0.3411, 0.2769

Complementary

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



57.2510, 0.3784, 0.4188



26.6960, 0.2393, 0.2194

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.



57.2510, 0.2884, 0.2535



57.2510, 0.3784, 0.4188



57.2510, 0.2224, 0.2587

Square

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



57.2510, 0.3784, 0.4188



57.2510, 0.2402, 0.3405



57.2510, 0.2462, 0.2464



57.2510, 0.3891, 0.3121

Rectangle

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



57.2510, 0.3784, 0.4188



57.2510, 0.2960, 0.4042



57.2510, 0.2462, 0.2464



57.2510, 0.3232, 0.2675

Sweetspot

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



57.2536, 0.3784, 0.4188



95.7548, 0.3312, 0.3551



30.4493, 0.4027, 0.3148



20.4011, 0.3333, 0.3580



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.



57.2536, 0.3784, 0.4188



84.7818, 0.3919, 0.4359



58.2528, 0.3476, 0.4395



14.2412, 0.3269, 0.3492



30.2572, 0.4431, 0.4863



1.9012, 0.4385, 0.4901

Inverse Universe

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



26.6960, 0.2393, 0.2194



32.4506, 0.2221, 0.1922



26.5722, 0.2641, 0.2121



12.2576, 0.2981, 0.3080



3.4882, 0.1528, 0.0700



0.2952, 0.1594, 0.0938

Previews

White Background



This preview shows how the Yxy color 57.2510, 0.3784, 0.4188 looks on a white background.

Color Contrast Check

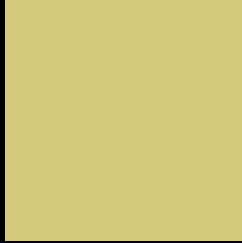
Large Text (above 18pt) WCAG AA × Fail

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 57.2510, 0.3784, 0.4188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

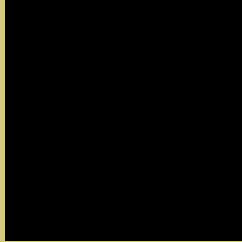
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2510, 0.3784, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 57.2510, 0.3784, 0.4188.



This preview shows how white text looks on a background with the Yxy color 57.2510, 0.3784, 0.4188.

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

57.2510, 0.3784, 0.4188

Protanopia

57.0538, 0.3844, 0.4163

Deuteranopia

56.8845, 0.4067, 0.3976



Tritanopia

57.0900, 0.3257, 0.3120

Trichromacy



Original Color

57.2510, 0.3784, 0.4188

Protanomaly

57.2109, 0.3822, 0.4180

Deuteranomaly

56.9129, 0.3967, 0.4054

Tritanomaly

57.1100, 0.3455, 0.3501

Monochromacy



Original Color

57.2510, 0.3784, 0.4188

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.8470, 0.3370, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2510, 0.3784, 0.4188 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, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 125)  
}
```

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, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 125) }
```

Border

The CSS property to change the border of an element to Yxy 57.2510, 0.3784, 0.4188 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, 201, 125) }
```

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

```
.border{ border-color:rgb(212, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 125);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2510, 0.3784, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 125) }
```

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

```
.background{ background-color: rgb(212,  
201, 125) }
```

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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