

Converting Colors

$Yxy(64.2915, 0.3682, 0.4133)$

Have a look what the booklet for
Yxy(64.2915, 0.3682, 0.4133)
contains.

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Color

Yxy(64.3580, 0.3688, 0.4137)

Conversions

Conversions Part 1

Format	Color
Hex	DAD58B
RGB	218, 213, 139
RGB Percent	85%, 84%, 55%
CMY	0.1450, 0.1647, 0.4548
CMYK	0.00, 0.02, 0.36, 0.15
HSL	56°, 52%, 70%
HSV	56°, 36%, 85%
XYZ	57.3730, 64.3580, 33.8358
YIQ	206.0590, 26.7340, -21.9540

Conversions

Conversions Part 2

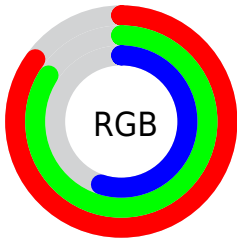
Format	Color
RYB	144, 218, 139
Decimal	14341515
CIELab	84.15, -9.12, 37.21
CIELCh	84, 38.310, 103.778
Yxy	64.3580, 0.3688, 0.4137
Android (android.graphics.Color)	4292531595 (0xFFDAD58B)
YUV	206.0590, -33.0601, 10.4723
Hunter-Lab	80.2234, -12.7339, 31.1497

Details

The Yxy color **64.3580, 0.3688, 0.4137** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.5155, 0.2479, 0.2273**, and the grayscale version is **61.9685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6303, 0.3496, 0.3900**, and **32.8397, 0.3812, 0.4334** is the 20% darker color. If you saturate the color by 10%, you get **63.0921, 0.3838, 0.4356**, and if you desaturate by 10%, it is **65.7628, 0.3531, 0.3904**.

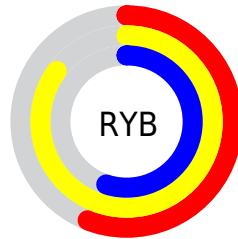
Distribution



Red (85%)

Green (84%)

Blue (55%)



Red (56%)

Yellow (85%)

Blue (55%)

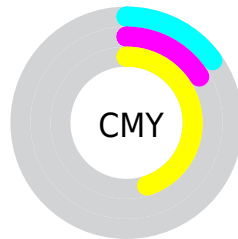


Cyan (0%)

Magenta (2%)

Yellow (36%)

Black (15%)



Cyan (15%)


Magenta (16%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.3580, 0.3688, 0.4137 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 64.3580, 0.3688, 0.4137 by changing the saturation by 10% instead.


 64.3580, 0.3688,
0.4137


 64.3580, 0.3688,
0.4137


440.4813, 0.3432,
0.3735

 46.9407, 0.3744,
0.4230

 111.1264, 0.3601,
0.3996

 32.9888, 0.3810,
0.4344


 141.2462, 0.3567,
0.3942

 22.1178, 0.3891,
0.4488


 176.3690, 0.3537,
0.3895

 13.9435, 0.3988,
0.4671

216.8792, 0.3511,
0.3854

 8.0814, 0.4101,
0.4911

263.1611, 0.3488,
0.3819

 4.1471, 0.4291,
0.5312

315.5991, 0.3467,

 1.7562, 0.4331,

0.3787

0.5669

374.5778, 0.3449,
0.3760

0.4596, 0.3178,
0.6822

0.0000, 0.0000,
0.0000

64.3580, 0.3688,
0.4137

64.3580, 0.3688,
0.4137

63.0921, 0.3838,
0.4356

65.7628, 0.3531,
0.3904

61.9487, 0.3976,
0.4552

67.3047, 0.3374,
0.3667

60.9223, 0.4094,
0.4715

68.9931, 0.3220,
0.3432

60.0034, 0.4189,
0.4838

70.8340, 0.3073,
0.3206

■ 59.1809, 0.4257,
0.4916

■ 72.8332, 0.2935,
0.2992

■ 58.4410, 0.4298,
0.4952

■ 74.0030, 0.2894,
0.2937

■ 58.1740, 0.4310,
0.4960

■ 74.7385, 0.2894,
0.2952

■ 75.4801, 0.2895,
0.2967

■ 76.2278, 0.2895,
0.2982

Harmonies

Analogous

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



64.3580, 0.4006, 0.3916



64.3580, 0.3688, 0.4137



64.3580, 0.3233, 0.4114

Triad

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



64.3580, 0.3688, 0.4137



64.3580, 0.2258, 0.2898



64.3580, 0.3452, 0.2842

Complementary

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



64.3580, 0.3688, 0.4137



30.5155, 0.2479, 0.2273

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.



64.3580, 0.2962, 0.2606



64.3580, 0.3688, 0.4137



64.3580, 0.2305, 0.2614

Square

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



64.3580, 0.3688, 0.4137



64.3580, 0.2421, 0.3338



64.3580, 0.2551, 0.2521



64.3580, 0.3875, 0.3181

Rectangle

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



64.3580, 0.3688, 0.4137



64.3580, 0.2917, 0.3937



64.3580, 0.2551, 0.2521



64.3580, 0.3288, 0.2749

Sweetspot

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



64.3609, 0.3688, 0.4137



97.1919, 0.3294, 0.3546



35.4049, 0.3940, 0.3228



20.7329, 0.3315, 0.3578



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.



64.3609, 0.3688, 0.4137



90.4721, 0.3796, 0.4296



62.1802, 0.3400, 0.4274



15.1148, 0.3268, 0.3507



34.9072, 0.4308, 0.4961



2.3052, 0.4287, 0.4978

Inverse Universe

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



30.5155, 0.2479, 0.2273



35.8301, 0.2330, 0.2033



32.4508, 0.2756, 0.2282



12.7492, 0.2981, 0.3064



3.2723, 0.1512, 0.0642



0.2598, 0.1547, 0.0769

Previews

White Background



This preview shows how the Yxy color 64.3580, 0.3688, 0.4137 looks on a white background.

Color Contrast Check

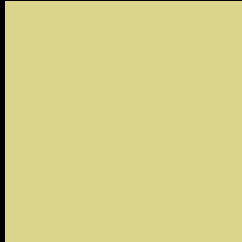
Large Text (above 18pt) WCAG AA × Fail

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 64.3580, 0.3688, 0.4137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

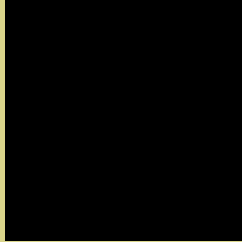
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.3580, 0.3688, 0.4137

Background



This preview shows how black text looks on a background with the Yxy color 64.3580, 0.3688, 0.4137.



This preview shows how white text looks on a background with the Yxy color 64.3580, 0.3688, 0.4137.

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

64.3580, 0.3688, 0.4137

Protanopia

64.4221, 0.3789, 0.4093

Deuteranopia

64.2355, 0.3989, 0.3909



Tritanopia

64.1572, 0.3197, 0.3116

Trichromacy



Original Color

64.3580, 0.3688, 0.4137

Protanomaly

64.2708, 0.3752, 0.4113

Deuteranomaly

63.9365, 0.3879, 0.3985

Tritanomaly

64.1906, 0.3382, 0.3482

Monochromacy



Original Color

64.3580, 0.3688, 0.4137

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6800, 0.3327, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3580, 0.3688, 0.4137 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(218, 213, 139)` looks like.

```
.text, #text, p{  
    color:rgb(218, 213, 139)  
}
```

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(218, 213, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 213, 139) }
```

Border

The CSS property to change the border of an element to Yxy 64.3580, 0.3688, 0.4137 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(218, 213, 139) }
```

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

```
.border{ border-color:rgb(218, 213, 139) }
```

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

Here you see how a box with a 4 pixel rgb(218, 213, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 213, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 213, 139);  
box-shadow:4px 4px 4px 4px rgb(218, 213,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3580, 0.3688, 0.4137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 213, 139) }
```

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

```
.background{ background-color: rgb(218,  
213, 139) }
```

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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