

Converting Colors

$Yxy(45.1197, 0.3853, 0.3644)$

Have a look what the booklet for
Yxy(45.1197, 0.3853, 0.3644)
contains.

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Color

Yxy(45.1748, 0.3857, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	DAA98C
RGB	218, 169, 140
RGB Percent	85%, 66%, 55%
CMY	0.1452, 0.3372, 0.4511
CMYK	0.00, 0.22, 0.36, 0.15
HSL	22°, 51%, 70%
HSV	22°, 36%, 85%
XYZ	47.8285, 45.1748, 31.0011
YIQ	180.3450, 38.5130, 1.3690

Conversions

Conversions Part 2

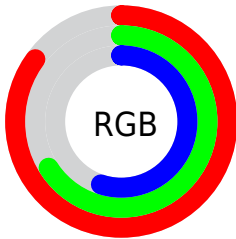
Format	Color
R _Y B	218, 186, 140
Decimal	14330252
CIE Lab	73.01, 14.05, 21.89
CIE LCh	73, 26.007, 57.307
Yxy	45.1748, 0.3857, 0.3643
Android (android.graphics.Color)	4292520332 (0xFFDAA98C)
YUV	180.3450, -19.8901, 33.0234
Hunter-Lab	67.2122, 9.4000, 19.7015

Details

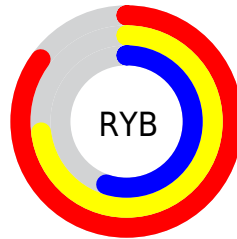
The Yxy color $45.1748, 0.3857, 0.3643$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $47.0031, 0.2573, 0.2904$, and the grayscale version is $45.9300, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4664, 0.3558, 0.3596$, and $21.1421, 0.4069, 0.3723$ is the 20% darker color. If you saturate the color by 10%, you get $39.7683, 0.4136, 0.3742$, and if you desaturate by 10%, it is $51.2457, 0.3612, 0.3541$.

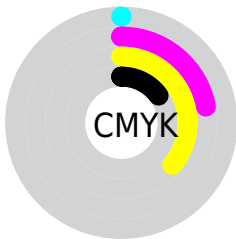
Distribution



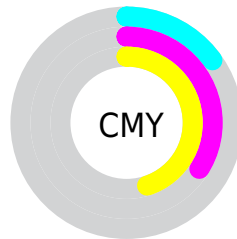
- Red (85%)
- Green (66%)
- Blue (55%)



- Red (85%)
- Yellow (73%)
- Blue (55%)



- Cyan (0%)
- Magenta (22%)
- Yellow (36%)
- Black (15%)




- Cyan (15%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1748, 0.3857, 0.3643 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 45.1748, 0.3857, 0.3643 by changing the saturation by 10% instead.


 45.1748, 0.3857,
0.3643


 45.1748, 0.3857,
0.3643


367.4810, 0.3488,
0.3476

 31.5951, 0.3950,
0.3681


 82.9827, 0.3722,
0.3585

 21.0524, 0.4068,
0.3727


 107.9796, 0.3672,
0.3563

 13.1623, 0.4225,
0.3783

 137.5512, 0.3629,
0.3543

 7.5404, 0.4441,
0.3852

172.0817, 0.3593,
0.3526

 3.8023, 0.4754,
0.3932

211.9555, 0.3561,
0.3511

 1.5636, 0.5609,
0.4288

257.5571, 0.3534,

 0.3329, 0.6645,

0.3498

0.3355

309.2708, 0.3510,
0.3487

0.0000, 0.0000,
0.0000

45.1748, 0.3857,
0.3643

45.1748, 0.3857,
0.3643

39.7683, 0.4136,
0.3742

51.2457, 0.3612,
0.3541

34.9960, 0.4447,
0.3828

57.9971, 0.3400,
0.3439

30.8345, 0.4779,
0.3891

65.4527, 0.3219,
0.3343

27.2564, 0.5116,
0.3917

73.6327, 0.3065,
0.3253

24.2314, 0.5430,
0.3896

82.5568, 0.2934,
0.3170

■ 21.7257, 0.5693,
0.3823

■ 91.1863, 0.2904,
0.3250

■ 20.8092, 0.5792,
0.3783

■ 93.6418, 0.2906,
0.3289

Harmonies

Analogous

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



45.1748, 0.3792, 0.3348



45.1748, 0.3857, 0.3643



45.1748, 0.3714, 0.3870

Triad

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



45.1748, 0.3857, 0.3643



45.1748, 0.2718, 0.3530



45.1748, 0.2816, 0.2702

Complementary

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



45.1748, 0.3857, 0.3643



47.0031, 0.2573, 0.2904

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.



45.1748, 0.2557, 0.2716



45.1748, 0.3857, 0.3643



45.1748, 0.2503, 0.3173

Square

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



45.1748, 0.3857, 0.3643



45.1748, 0.3049, 0.3827



45.1748, 0.2446, 0.2878



45.1748, 0.3172, 0.2826

Rectangle

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



45.1748, 0.3857, 0.3643



45.1748, 0.3527, 0.3944



45.1748, 0.2446, 0.2878



45.1748, 0.2715, 0.2691

Sweetspot

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



45.1769, 0.3857, 0.3643



87.5994, 0.3312, 0.3394



37.3424, 0.3445, 0.2708



18.4415, 0.3337, 0.3407



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.



45.1769, 0.3857, 0.3643



58.5055, 0.4066, 0.3719



61.7003, 0.3701, 0.4071



13.8417, 0.3282, 0.3378



12.6597, 0.5766, 0.3804



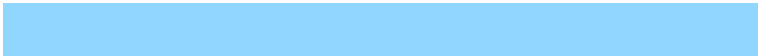
0.9822, 0.5458, 0.4049

Inverse Universe

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



47.0031, 0.2573, 0.2904



61.4549, 0.2461, 0.2807



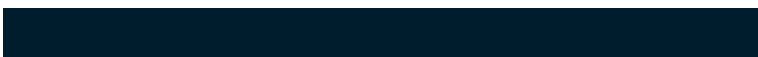
32.5682, 0.2499, 0.2364



13.9723, 0.2982, 0.3201



13.9367, 0.1897, 0.2028



1.0660, 0.1960, 0.2257

Previews

White Background



This preview shows how the Yxy color 45.1748, 0.3857, 0.3643 looks on a white background.

Color Contrast Check

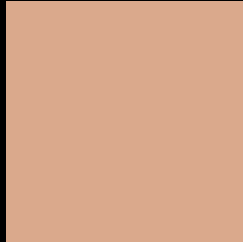
Large Text (above 18pt) WCAG AA × Fail

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 45.1748, 0.3857, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

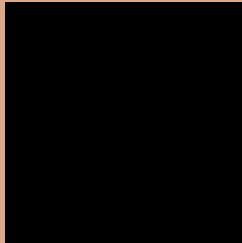
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.1748, 0.3857, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 45.1748, 0.3857, 0.3643.



This preview shows how white text looks on a background with the Yxy color 45.1748, 0.3857, 0.3643.

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

45.1748, 0.3857, 0.3643

Protanopia

45.2317, 0.3510, 0.3739

Deuteranopia

45.0708, 0.3777, 0.3702



Tritanopia

45.2548, 0.3560, 0.3138

Trichromacy



Original Color

45.1748, 0.3857, 0.3643

Protanomaly

44.9225, 0.3634, 0.3702

Deuteranomaly

45.1360, 0.3810, 0.3685

Tritanomaly

45.3249, 0.3669, 0.3315

Monochromacy



Original Color

45.1748, 0.3857, 0.3643

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2366, 0.3382, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1748, 0.3857, 0.3643 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, 169, 140)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 140)  
}
```

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, 169, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 140) }
```

Border

The CSS property to change the border of an element to Yxy 45.1748, 0.3857, 0.3643 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, 169, 140) }
```

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

```
.border{ border-color:rgb(218, 169, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 140);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1748, 0.3857, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 140) }
```

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

```
.background{ background-color: rgb(218,  
169, 140) }
```

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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