

Converting Colors

$Yxy(48.1549, 0.3928, 0.3867)$

Have a look what the booklet for
Yxy(48.1549, 0.3928, 0.3867)
contains.

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Color

Yxy(48.0893, 0.3929, 0.3864)

Conversions

Conversions Part 1

Format	Color
Hex	DBB181
RGB	219, 177, 129
RGB Percent	86%, 69%, 51%
CMY	0.1412, 0.3059, 0.4942
CMYK	0.00, 0.19, 0.41, 0.14
HSL	32°, 56%, 68%
HSV	32°, 41%, 86%
XYZ	48.8983, 48.0893, 27.4672
YIQ	184.0860, 40.4400, -6.0240

Conversions

Conversions Part 2

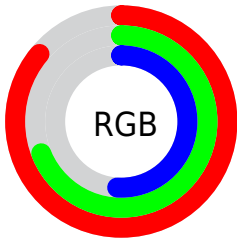
Format	Color
R _Y B	208, 219, 129
Decimal	14397825
CIE Lab	74.88, 8.91, 30.32
CIE LCh	75, 31.603, 73.622
Yxy	48.0893, 0.3929, 0.3864
Android (android.graphics.Color)	4292587905 (0xFFDDBB181)
YUV	184.0860, -27.1574, 30.6196
Hunter-Lab	69.3464, 4.5094, 25.0586

Details

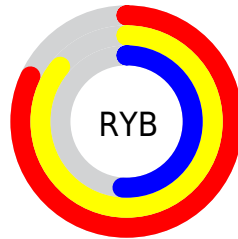
The Yxy color **48.0893, 0.3929, 0.3864** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.9001, 0.2461, 0.2630**, and the grayscale version is **48.1196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9152, 0.3618, 0.3806**, and **22.9131, 0.4139, 0.4011** is the 20% darker color. If you saturate the color by 10%, you get **43.6836, 0.4177, 0.3997**, and if you desaturate by 10%, it is **52.9267, 0.3699, 0.3722**.

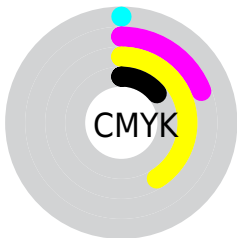
Distribution



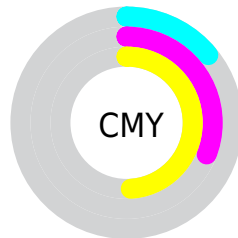
- Red (86%)
- Green (69%)
- Blue (51%)



- Red (82%)
- Yellow (86%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (14%)




- Cyan (14%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0893, 0.3929, 0.3864 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 48.0893, 0.3929, 0.3864 by changing the saturation by 10% instead.


 48.0893, 0.3929,
0.3864


 48.0893, 0.3929,
0.3864


379.1460, 0.3532,
0.3591

 33.8976, 0.4025,
0.3926

 87.3373, 0.3786,
0.3769

 22.8150, 0.4146,
0.4002


 113.1625, 0.3732,
0.3732

 14.4569, 0.4302,
0.4095


 143.6343, 0.3686,
0.3700

 8.4391, 0.4508,
0.4208

179.1370, 0.3647,
0.3673

 4.3772, 0.4785,
0.4342

220.0552, 0.3612,
0.3649

 1.8867, 0.5358,
0.4642

266.7731, 0.3582,

 0.5404, 0.5750,

0.3627

0.4250

319.6753, 0.3555,
0.3608

0.0000, 0.0000,
0.0000

48.0893, 0.3929,
0.3864

48.0893, 0.3929,
0.3864

43.6836, 0.4177,
0.3997

52.9267, 0.3699,
0.3722

39.6880, 0.4437,
0.4110

58.2025, 0.3492,
0.3578

36.0891, 0.4697,
0.4191

63.9321, 0.3307,
0.3438

32.8695, 0.4944,
0.4227

70.1277, 0.3144,
0.3304

30.0096, 0.5160,
0.4210

76.8011, 0.3001,
0.3179

■ 27.7432, 0.5324,
0.4154

■ 83.6118, 0.2906,
0.3118

■ 89.7420, 0.2909,
0.3224

■ 93.8009, 0.2911,
0.3289

Harmonies

Analogous

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



48.0893, 0.3994, 0.3544



48.0893, 0.3929, 0.3864



48.0893, 0.3643, 0.4060

Triad

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



48.0893, 0.3929, 0.3864



48.0893, 0.2484, 0.3338



48.0893, 0.2976, 0.2662

Complementary

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



48.0893, 0.3929, 0.3864



38.9001, 0.2461, 0.2630

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.



48.0893, 0.2600, 0.2585



48.0893, 0.3929, 0.3864



48.0893, 0.2332, 0.2939

Square

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



48.0893, 0.3929, 0.3864



48.0893, 0.2806, 0.3760



48.0893, 0.2373, 0.2675



48.0893, 0.3422, 0.2878

Rectangle

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



48.0893, 0.3929, 0.3864



48.0893, 0.3374, 0.4072



48.0893, 0.2373, 0.2675



48.0893, 0.2838, 0.2619

Sweetspot

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



48.0916, 0.3929, 0.3864



89.4105, 0.3324, 0.3451



33.6969, 0.3677, 0.2790



18.9033, 0.3348, 0.3470



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.



48.0916, 0.3929, 0.3864



62.6711, 0.4134, 0.3976



66.8502, 0.3715, 0.4310



14.1959, 0.3278, 0.3415



16.6709, 0.5303, 0.4171



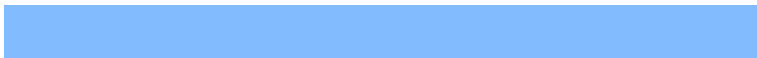
1.2520, 0.5073, 0.4354

Inverse Universe

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



38.9001, 0.2461, 0.2630



48.0844, 0.2325, 0.2467



25.7149, 0.2388, 0.2037



13.6137, 0.2982, 0.3162



8.9028, 0.1743, 0.1476



0.7482, 0.1829, 0.1784

Previews

White Background



This preview shows how the Yxy color 48.0893, 0.3929, 0.3864 looks on a white background.

Color Contrast Check

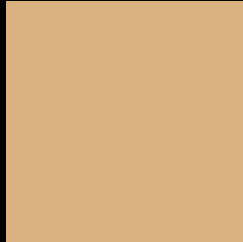
Large Text (above 18pt) WCAG AA × Fail

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 48.0893, 0.3929, 0.3864 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 48.0893, 0.3929, 0.3864

Background



This preview shows how black text looks on a background with the Yxy color 48.0893, 0.3929, 0.3864.



This preview shows how white text looks on a background with the Yxy color 48.0893, 0.3929, 0.3864.

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

48.0893, 0.3929, 0.3864

Protanopia

48.0890, 0.3686, 0.3952

Deuteranopia

48.2449, 0.3938, 0.3862



Tritanopia

48.0156, 0.3509, 0.3140

Trichromacy



Original Color

48.0893, 0.3929, 0.3864

Protanomaly

47.8083, 0.3772, 0.3914

Deuteranomaly

48.2449, 0.3938, 0.3862

Tritanomaly

48.0611, 0.3667, 0.3410

Monochromacy



Original Color

48.0893, 0.3929, 0.3864

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.5984, 0.3408, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0893, 0.3929, 0.3864 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, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(219, 177, 129)  
}
```

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, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 177, 129) }
```

Border

The CSS property to change the border of an element to Yxy 48.0893, 0.3929, 0.3864 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, 177, 129) }
```

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

```
.border{ border-color:rgb(219, 177, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 177, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(219, 177,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0893, 0.3929, 0.3864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 177, 129) }
```

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

```
.background{ background-color: rgb(219,  
177, 129) }
```

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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