

Converting Colors

$Y_{xy}(50.4793, 0.3729, 0.3892)$

Have a look what the booklet for
Yxy(50.4793, 0.3729, 0.3892)
contains.

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Color

Yxy(50.4793, 0.3729, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	D1BA89
RGB	209, 186, 137
RGB Percent	82%, 73%, 54%
CMY	0.1804, 0.2705, 0.4628
CMYK	0.00, 0.11, 0.34, 0.18
HSL	41°, 44%, 68%
HSV	41°, 34%, 82%
XYZ	48.3652, 50.4793, 30.8557
YIQ	187.2910, 29.4370, -10.3630

Conversions

Conversions Part 2

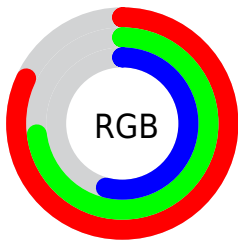
Format	Color
RYB	171, 209, 137
Decimal	13744777
CIELab	76.36, 1.07, 27.88
CIELCh	76, 27.898, 87.812
Yxy	50.4793, 0.3729, 0.3892
Android (android.graphics.Color)	4291934857 (0xFFD1BA89)
YUV	187.2910, -24.7935, 19.0388
Hunter-Lab	71.0488, -2.8247, 23.9852

Details

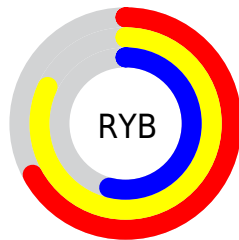
The Yxy color **50.4793, 0.3729, 0.3892** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.0488, 0.2553, 0.2602**, and the grayscale version is **49.9971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5258, 0.3537, 0.3800**, and **24.2355, 0.3877, 0.4043** is the 20% darker color. If you saturate the color by 10%, you get **47.1939, 0.3931, 0.4065**, and if you desaturate by 10%, it is **54.0167, 0.3537, 0.3713**.

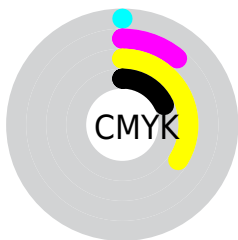
Distribution



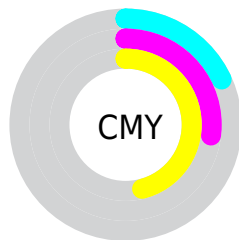
- Red (82%)
- Green (73%)
- Blue (54%)



- Red (67%)
- Yellow (82%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4793, 0.3729, 0.3892 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 50.4793, 0.3729, 0.3892 by changing the saturation by 10% instead.


 50.4793, 0.3729,
0.3892

 50.4793, 0.3729,
0.3892


388.5373, 0.3435,
0.3599

 35.7944, 0.3799,
0.3962


 90.8846, 0.3624,
0.3788

 24.2754, 0.3887,
0.4048


 117.3738, 0.3584,
0.3748

 15.5381, 0.4000,
0.4159


 148.5666, 0.3550,
0.3714

 9.1979, 0.4149,
0.4304

184.8473, 0.3521,
0.3685

 4.8705, 0.4348,
0.4495

226.6003, 0.3495,
0.3659

 2.1715, 0.4903,
0.5043

274.2100, 0.3472,

 0.7044, 0.4968,

0.3637

0.5032

328.0609, 0.3453,
0.3617

■ 0.0000, 0.0000,
0.0000

■ 50.4793, 0.3729,
0.3892

■ 50.4793, 0.3729,
0.3892

■ 47.1939, 0.3931,
0.4065

■ 54.0167, 0.3537,
0.3713

■ 44.1450, 0.4138,
0.4224

■ 57.8070, 0.3358,
0.3535

■ 41.3256, 0.4342,
0.4358


■ 61.8600, 0.3195,
0.3364


■ 38.7257, 0.4532,
0.4454


■ 66.1828, 0.3047,
0.3201

■ 36.3337, 0.4699,
0.4505


■ 70.7821, 0.2915,
0.3049


 34.1358, 0.4835,
0.4506

 75.1798, 0.2838,
0.2982

 32.9879, 0.4901,
0.4490

 78.8782, 0.2842,
0.3055

 82.7193, 0.2846,
0.3126

 86.7045, 0.2850,
0.3196

Harmonies

Analogous

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



50.4793, 0.3881, 0.3658



50.4793, 0.3729, 0.3892



50.4793, 0.3417, 0.3972

Triad

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



50.4793, 0.3729, 0.3892



50.4793, 0.2480, 0.3162



50.4793, 0.3180, 0.2815

Complementary

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



50.4793, 0.3729, 0.3892



35.0488, 0.2553, 0.2602

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.



50.4793, 0.2811, 0.2685



50.4793, 0.3729, 0.3892



50.4793, 0.2425, 0.2860

Square

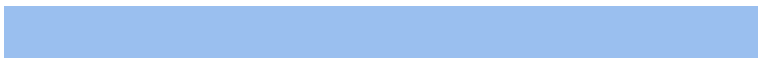
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.4793, 0.3729, 0.3892



50.4793, 0.2700, 0.3532



50.4793, 0.2542, 0.2696



50.4793, 0.3555, 0.3053

Rectangle

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



50.4793, 0.3729, 0.3892



50.4793, 0.3167, 0.3909



50.4793, 0.2542, 0.2696



50.4793, 0.3051, 0.2758

Sweetspot

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



50.4816, 0.3729, 0.3892



93.3827, 0.3285, 0.3460



34.0138, 0.3663, 0.2990



19.7960, 0.3309, 0.3484



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.



50.4816, 0.3729, 0.3892



75.5264, 0.3870, 0.4015



59.2689, 0.3543, 0.4172



13.1349, 0.3274, 0.3448



20.5268, 0.4889, 0.4500



1.2874, 0.4731, 0.4626

Inverse Universe

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



35.0488, 0.2553, 0.2602



47.9502, 0.2426, 0.2433



28.8787, 0.2609, 0.2294



12.0247, 0.2982, 0.3127



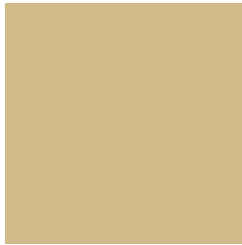
5.4494, 0.1627, 0.1055



0.4471, 0.1731, 0.1430

Previews

White Background



This preview shows how the Yxy color 50.4793, 0.3729, 0.3892 looks on a white background.

Color Contrast Check

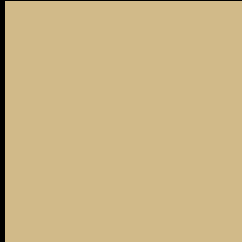
Large Text (above 18pt) WCAG AA × Fail

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 50.4793, 0.3729, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

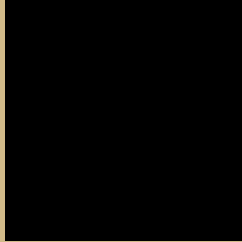
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4793, 0.3729, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 50.4793, 0.3729, 0.3892.



This preview shows how white text looks on a background with the Yxy color 50.4793, 0.3729, 0.3892.

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

50.4793, 0.3729, 0.3892

Protanopia

50.3580, 0.3650, 0.3917

Deuteranopia

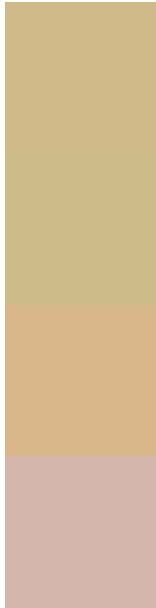
50.5707, 0.3869, 0.3797



Tritanopia

50.5375, 0.3326, 0.3126

Trichromacy



Original Color

50.4793, 0.3729, 0.3892

Protanomaly

50.3548, 0.3681, 0.3899

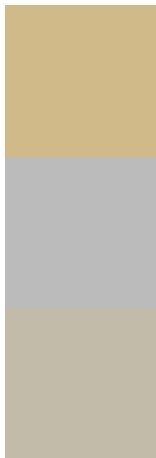
Deuteranomaly

50.6074, 0.3815, 0.3828

Tritanomaly

50.6192, 0.3473, 0.3399

Monochromacy



Original Color

50.4793, 0.3729, 0.3892

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0073, 0.3338, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4793, 0.3729, 0.3892 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(209, 186, 137)` looks like.

```
.text, #text, p{  
    color:rgb(209, 186, 137)  
}
```

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(209, 186, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 186, 137) }
```

Border

The CSS property to change the border of an element to Yxy 50.4793, 0.3729, 0.3892 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(209, 186, 137) }
```

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

```
.border{ border-color:rgb(209, 186, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 186, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 186, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 186, 137);  
box-shadow:4px 4px 4px 4px rgb(209, 186,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4793, 0.3729, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 186, 137) }
```

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

```
.background{ background-color: rgb(209,  
186, 137) }
```

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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