

Converting Colors

$Yxy(50.5423, 0.3764, 0.3883)$

Have a look what the booklet for
Yxy(50.5423, 0.3764, 0.3883)
contains.

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Color

Yxy(50.4725, 0.3769, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	D4B988
RGB	212, 185, 136
RGB Percent	83%, 73%, 53%
CMY	0.1685, 0.2745, 0.4666
CMYK	0.00, 0.13, 0.36, 0.17
HSL	39°, 47%, 68%
HSV	39°, 36%, 83%
XYZ	48.9529, 50.4725, 30.4575
YIQ	187.4870, 31.8210, -9.5150

Conversions

Conversions Part 2

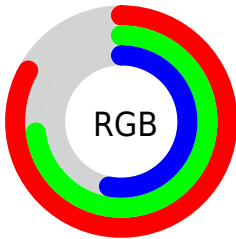
Format	Color
RYB	178, 212, 136
Decimal	13941128
CIELab	76.36, 2.69, 28.44
CIELCh	76, 28.566, 84.590
Yxy	50.4725, 0.3769, 0.3886
Android (android.graphics.Color)	4292131208 (0xFFD4B988)
YUV	187.4870, -25.3831, 21.4979
Hunter-Lab	71.0440, -1.3316, 24.3124

Details

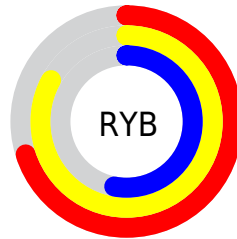
The Yxy color $50.4725, 0.3769, 0.3886$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.2049, 0.2532, 0.2608$, and the grayscale version is $50.1200, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.8883, 0.3546, 0.3801$, and $24.2423, 0.3932, 0.4032$ is the 20% darker color. If you saturate the color by 10%, you get $46.8576, 0.3981, 0.4050$, and if you desaturate by 10%, it is $54.3788, 0.3569, 0.3716$.

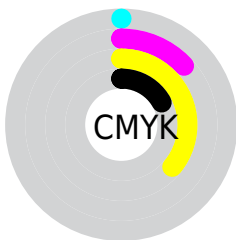
Distribution



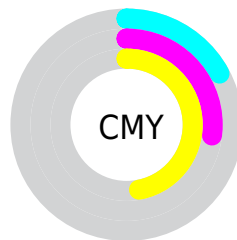
- Red (83%)
- Green (73%)
- Blue (53%)



- Red (70%)
- Yellow (83%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (36%)
- Black (17%)



- Cyan (17%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4725, 0.3769, 0.3886 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 50.4725, 0.3769, 0.3886 by changing the saturation by 10% instead.


 50.4725, 0.3769,
0.3886


 50.4725, 0.3769,
0.3886


388.5108, 0.3455,
0.3598


 35.7890, 0.3844,
0.3954


 90.8746, 0.3657,
0.3784

 24.2713, 0.3938,
0.4038


 117.3619, 0.3614,
0.3745

 15.5350, 0.4059,
0.4145


 148.5526, 0.3578,
0.3711

 9.1957, 0.4218,
0.4283

184.8311, 0.3546,
0.3682

 4.8690, 0.4432,
0.4462

226.5818, 0.3519,
0.3657

 2.1706, 0.5016,
0.4984

274.1890, 0.3495,

 0.7039, 0.5107,

0.3635

0.4893

328.0373, 0.3474,
0.3615

0.0000, 0.0000,
0.0000

50.4725, 0.3769,
0.3886

50.4725, 0.3769,
0.3886

46.8576, 0.3981,
0.4050

54.3788, 0.3569,
0.3716

43.5175, 0.4199,
0.4199

58.5784, 0.3385,
0.3546

40.4441, 0.4415,
0.4321

63.0822, 0.3217,
0.3382

37.6258, 0.4619,
0.4405

67.8983, 0.3067,
0.3227

35.0496, 0.4799,
0.4441

73.0343, 0.2933,
0.3082

■ 32.6999, 0.4947,
0.4426

■ 77.9559, 0.2860,
0.3030

■ 31.7823, 0.5002,
0.4410

■ 82.2517, 0.2863,
0.3110

■ 86.7316, 0.2867,
0.3189

■ 91.3976, 0.2871,
0.3268

Harmonies

Analogous

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



50.4725, 0.3903, 0.3634



50.4725, 0.3769, 0.3886



50.4725, 0.3463, 0.3990

Triad

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



50.4725, 0.3769, 0.3886



50.4725, 0.2482, 0.3197



50.4725, 0.3138, 0.2784

Complementary

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



50.4725, 0.3769, 0.3886



36.2049, 0.2532, 0.2608

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.



50.4725, 0.2767, 0.2666



50.4725, 0.3769, 0.3886



50.4725, 0.2407, 0.2877

Square

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



50.4725, 0.3769, 0.3886



50.4725, 0.2722, 0.3577



50.4725, 0.2508, 0.2693



50.4725, 0.3528, 0.3017

Rectangle

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



50.4725, 0.3769, 0.3886



50.4725, 0.3209, 0.3942



50.4725, 0.2508, 0.2693



50.4725, 0.3007, 0.2730

Sweetspot

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



50.4748, 0.3769, 0.3886



92.1210, 0.3303, 0.3467



34.2900, 0.3665, 0.2946



19.5184, 0.3326, 0.3490



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.



50.4748, 0.3769, 0.3886



72.4229, 0.3929, 0.4012



61.4267, 0.3580, 0.4203



13.7420, 0.3275, 0.3440



19.8082, 0.4988, 0.4422



1.3483, 0.4816, 0.4558

Inverse Universe

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



36.2049, 0.2532, 0.2608



47.7014, 0.2398, 0.2433



28.4909, 0.2562, 0.2241



12.7244, 0.2982, 0.3136



6.2485, 0.1652, 0.1148



0.5307, 0.1750, 0.1499

Previews

White Background



This preview shows how the Yxy color 50.4725, 0.3769, 0.3886 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 50.4725, 0.3769, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

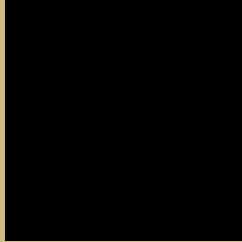
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

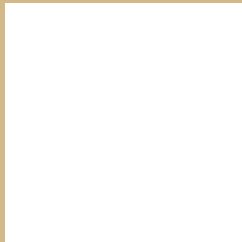
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.4725, 0.3769, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 50.4725, 0.3769, 0.3886.



This preview shows how white text looks on a background with the Yxy color 50.4725, 0.3769, 0.3886.

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

50.4725, 0.3769, 0.3886

Protanopia

50.4691, 0.3667, 0.3927

Deuteranopia

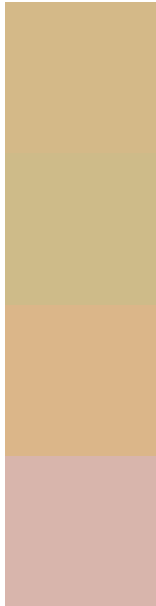
50.5419, 0.3878, 0.3808



Tritanopia

50.5520, 0.3362, 0.3127

Trichromacy



Original Color

50.4725, 0.3769, 0.3886

Protanomaly

50.4686, 0.3698, 0.3909

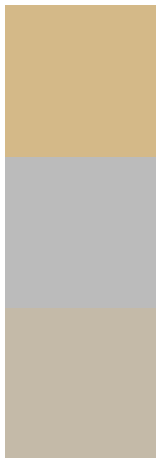
Deuteranomaly

50.3221, 0.3837, 0.3827

Tritanomaly

50.6252, 0.3510, 0.3399

Monochromacy



Original Color

50.4725, 0.3769, 0.3886

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6807, 0.3356, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4725, 0.3769, 0.3886 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, 185, 136)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 136)  
}
```

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, 185, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 136) }
```

Border

The CSS property to change the border of an element to Yxy 50.4725, 0.3769, 0.3886 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, 185, 136) }
```

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

```
.border{ border-color:rgb(212, 185, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 136);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4725, 0.3769, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 136) }
```

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

```
.background{ background-color: rgb(212,  
185, 136) }
```

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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