

Converting Colors

$Y_{xy}(50.3863, 0.3892, 0.3984)$

Have a look what the booklet for
Yxy(50.3863, 0.3892, 0.3984)
contains.

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Color

Yxy(50.3863, 0.3892, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	D8B87E
RGB	216, 184, 126
RGB Percent	85%, 72%, 49%
CMY	0.1530, 0.2784, 0.5060
CMYK	0.00, 0.15, 0.42, 0.15
HSL	39°, 54%, 67%
HSV	39°, 42%, 85%
XYZ	49.2228, 50.3863, 26.8626
YIQ	186.9560, 37.6900, -11.2540

Conversions

Conversions Part 2

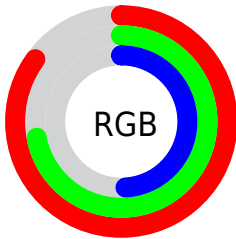
Format	Color
RYB	176, 216, 126
Decimal	14203006
CIELab	76.31, 3.66, 33.71
CIELCh	76, 33.908, 83.812
Yxy	50.3863, 0.3892, 0.3984
Android (android.graphics.Color)	4292393086 (0xFFD8B87E)
YUV	186.9560, -30.0513, 25.4716
Hunter-Lab	70.9833, -0.4415, 27.2509

Details

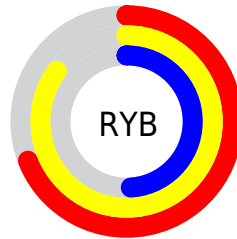
The Yxy color **50.3863, 0.3892, 0.3984** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.8332, 0.2428, 0.2473**, and the grayscale version is **49.8248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8348, 0.3619, 0.3902**, and **24.2280, 0.4096, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **46.7872, 0.4109, 0.4141**, and if you desaturate by 10%, it is **54.2835, 0.3684, 0.3816**.

Distribution



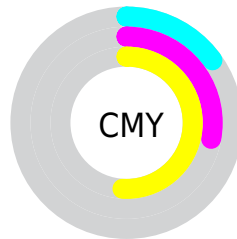
- Red (85%)
- Green (72%)
- Blue (49%)



- Red (69%)
- Yellow (85%)
- Blue (49%)



- Cyan (0%)
- Magenta (15%)
- Yellow (42%)
- Black (15%)




- Cyan (15%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3863, 0.3892, 0.3984 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 50.3863, 0.3892, 0.3984 by changing the saturation by 10% instead.


 50.3863, 0.3892,
0.3984


 50.3863, 0.3892,
0.3984


388.1747, 0.3519,
0.3652


 35.7204, 0.3980,
0.4061


 90.7470, 0.3760,
0.3868

 24.2184, 0.4089,
0.4154


 117.2106, 0.3709,
0.3823

 15.4957, 0.4227,
0.4271


 148.3755, 0.3666,
0.3784

 9.1680, 0.4404,
0.4415

184.6263, 0.3629,
0.3750

 4.8509, 0.4635,
0.4594

226.3472, 0.3596,
0.3721

 2.1601, 0.5067,
0.4933

273.9226, 0.3567,

 0.6981, 0.5188,

0.3695

0.4812

327.7370, 0.3542,
0.3672

0.0000, 0.0000,
0.0000

50.3863, 0.3892,
0.3984

50.3863, 0.3892,
0.3984

46.7872, 0.4109,
0.4141

54.2835, 0.3684,
0.3816

43.4686, 0.4327,
0.4275

58.4815, 0.3490,
0.3645

40.4213, 0.4537,
0.4376

62.9918, 0.3313,
0.3477

37.6324, 0.4728,
0.4433

67.8231, 0.3152,
0.3316

35.0871, 0.4890,
0.4439

72.9836, 0.3009,
0.3165

■ 33.1343, 0.5002,
0.4410

■ 78.4440, 0.2884,
0.3029

■ 82.8116, 0.2887,
0.3111

■ 87.3698, 0.2890,
0.3191

■ 92.1207, 0.2893,
0.3270

Harmonies

Analogous

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



50.3863, 0.4050, 0.3677



50.3863, 0.3892, 0.3984



50.3863, 0.3530, 0.4126

Triad

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



50.3863, 0.3892, 0.3984



50.3863, 0.2373, 0.3185



50.3863, 0.3124, 0.2693

Complementary

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



50.3863, 0.3892, 0.3984



33.8332, 0.2428, 0.2473

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.



50.3863, 0.2691, 0.2558



50.3863, 0.3892, 0.3984



50.3863, 0.2282, 0.2804

Square

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



50.3863, 0.3892, 0.3984



50.3863, 0.2656, 0.3644



50.3863, 0.2394, 0.2589



50.3863, 0.3590, 0.2960

Rectangle

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



50.3863, 0.3892, 0.3984



50.3863, 0.3230, 0.4079



50.3863, 0.2394, 0.2589



50.3863, 0.2970, 0.2631

Sweetspot

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



50.3887, 0.3892, 0.3984



90.7594, 0.3337, 0.3501



32.0173, 0.3793, 0.2889



19.1076, 0.3376, 0.3538



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.



50.3887, 0.3892, 0.3984



68.7486, 0.4082, 0.4123



63.4504, 0.3649, 0.4351



13.7429, 0.3275, 0.3440



19.8237, 0.4987, 0.4422



1.3492, 0.4815, 0.4559

Inverse Universe

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



33.8332, 0.2428, 0.2473



41.5825, 0.2273, 0.2262



25.2759, 0.2449, 0.2041



12.7235, 0.2982, 0.3135



6.2409, 0.1652, 0.1147



0.5302, 0.1750, 0.1498

Previews

White Background



This preview shows how the Yxy color 50.3863, 0.3892, 0.3984 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 50.3863, 0.3892, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

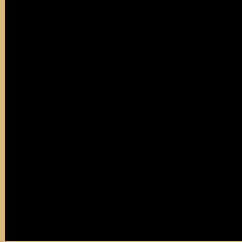
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3863, 0.3892, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 50.3863, 0.3892, 0.3984.



This preview shows how white text looks on a background with the Yxy color 50.3863, 0.3892, 0.3984.

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

50.3863, 0.3892, 0.3984

Protanopia

50.3623, 0.3748, 0.4035

Deuteranopia

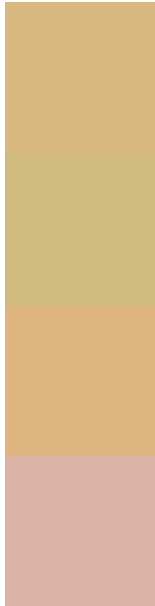
50.3436, 0.3995, 0.3904



Tritanopia

50.2980, 0.3418, 0.3129

Trichromacy



Original Color

50.3863, 0.3892, 0.3984

Protanomaly

50.4829, 0.3797, 0.4025

Deuteranomaly

50.1096, 0.3954, 0.3925

Tritanomaly

50.2459, 0.3595, 0.3433

Monochromacy



Original Color

50.3863, 0.3892, 0.3984

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8402, 0.3398, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3863, 0.3892, 0.3984 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(216, 184, 126)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 126)  
}
```

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(216, 184, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 126) }
```

Border

The CSS property to change the border of an element to Yxy 50.3863, 0.3892, 0.3984 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(216, 184, 126) }
```

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

```
.border{ border-color:rgb(216, 184, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 184, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 126);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3863, 0.3892, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 126) }
```

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

```
.background{ background-color: rgb(216,  
184, 126) }
```

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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