

Converting Colors

$Yxy(49.9453, 0.3869, 0.3987)$

Have a look what the booklet for
Yxy(49.9453, 0.3869, 0.3987)
contains.

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Color

Yxy(50.0835, 0.3874, 0.3989)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6B87E |
| RGB | 214, 184, 126 |
| RGB Percent | 84%, 72%, 49% |
| CMY | 0.1607, 0.2784, 0.5060 |
| CMYK | 0.00, 0.14, 0.41, 0.16 |
| HSL | 40°, 52%, 67% |
| HSV | 40°, 41%, 84% |
| XYZ | 48.6396, 50.0835, 26.8309 |
| YIQ | 186.3580, 36.4980, -11.6780 |

Conversions

Conversions Part 2

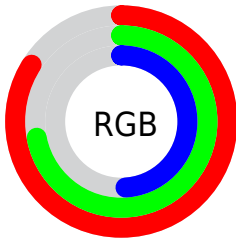
| Format | Color |
|-------------------------------------|---|
| RYB | 172, 214, 126 |
| Decimal | 14071934 |
| CIELab | 76.12, 2.86, 33.44 |
| CIELCh | 76, 33.563, 85.108 |
| Yxy | 50.0835, 0.3874, 0.3989 |
| Android (android.graphics.Color) | 4292262014 (0xFFD6B87E) |
| YUV | 186.3580, -29.7565, 24.2420 |
| Hunter-Lab | 70.7697, -1.1649, 27.0602 |

Details

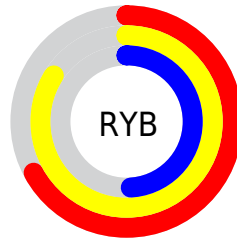
The Yxy color **50.0835, 0.3874, 0.3989** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **33.0600, 0.2435, 0.2468**, and the grayscale version is **49.4696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8348, 0.3619, 0.3902**, and **24.0235, 0.4071, 0.4158** is the 20% darker color. If you saturate the color by 10%, you get **46.6380, 0.4086, 0.4149**, and if you desaturate by 10%, it is **53.8082, 0.3670, 0.3817**.

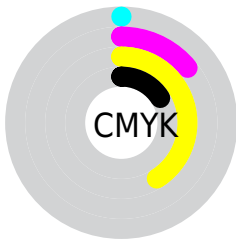
Distribution



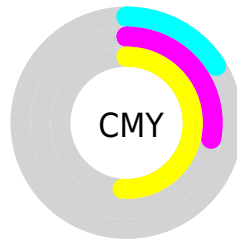
- Red (84%)
- Green (72%)
- Blue (49%)



- Red (67%)
- Yellow (84%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.0835, 0.3874, 0.3989 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 50.0835, 0.3874, 0.3989 by changing the saturation by 10% instead.

 50.0835, 0.3874,
0.3989

 50.0835, 0.3874,
0.3989


386.9924, 0.3510,
0.3653

 35.4797, 0.3960,
0.4067


 90.2986, 0.3745,
0.3871

 24.0327, 0.4067,
0.4163

 116.6787, 0.3696,
0.3825

 15.3579, 0.4202,
0.4282


 147.7531, 0.3653,
0.3786

 9.0709, 0.4375,
0.4431

183.9061, 0.3617,
0.3752

 4.7875, 0.4600,
0.4618

225.5221, 0.3585,
0.3723

 2.1231, 0.5026,
0.4974

272.9856, 0.3557,

 0.6776, 0.5130,

0.3697

0.4870

326.6809, 0.3532,
0.3674

0.0000, 0.0000,
0.0000

50.0835, 0.3874,
0.3989

50.0835, 0.3874,
0.3989

46.6380, 0.4086,
0.4149

53.8082, 0.3670,
0.3817

43.4548, 0.4300,
0.4288

57.8142, 0.3479,
0.3643

40.5252, 0.4504,
0.4394

62.1126, 0.3303,
0.3472

37.8371, 0.4690,
0.4457

66.7114, 0.3144,
0.3308

35.3765, 0.4847,
0.4469

71.6185, 0.3002,
0.3154

■ 33.3664, 0.4962,
0.4442

■ 76.8412, 0.2874,
0.3010

■ 80.9751, 0.2874,
0.3082

■ 85.2403, 0.2877,
0.3159

■ 89.6789, 0.2881,
0.3235

Harmonies

Analogous

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



50.0835, 0.4041, 0.3690



50.0835, 0.3874, 0.3989



50.0835, 0.3509, 0.4119

Triad

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



50.0835, 0.3874, 0.3989



50.0835, 0.2371, 0.3167



50.0835, 0.3145, 0.2706

Complementary

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



50.0835, 0.3874, 0.3989



33.0600, 0.2435, 0.2468

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.



50.0835, 0.2711, 0.2566



50.0835, 0.3874, 0.3989



50.0835, 0.2289, 0.2795

Square

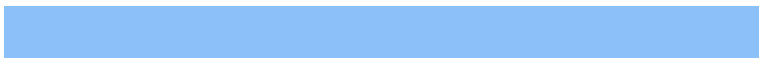
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.0835, 0.3874, 0.3989



50.0835, 0.2644, 0.3622



50.0835, 0.2408, 0.2590



50.0835, 0.3605, 0.2976

Rectangle

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



50.0835, 0.3874, 0.3989



50.0835, 0.3210, 0.4064



50.0835, 0.2408, 0.2590



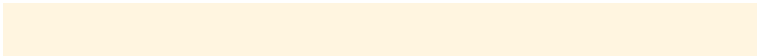
50.0835, 0.2991, 0.2643

Sweetspot

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



50.0858, 0.3874, 0.3989



91.7079, 0.3320, 0.3488



31.6391, 0.3798, 0.2912



19.4446, 0.3342, 0.3511



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.



50.0858, 0.3874, 0.3989



70.1637, 0.4051, 0.4124



61.9976, 0.3631, 0.4341



13.7738, 0.3275, 0.3443



20.3646, 0.4948, 0.4454



1.3791, 0.4785, 0.4583

Inverse Universe

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



33.0600, 0.2435, 0.2468



41.7202, 0.2286, 0.2264



25.2736, 0.2472, 0.2064



12.6938, 0.2982, 0.3132



5.9849, 0.1641, 0.1109



0.5124, 0.1739, 0.1460

Previews

White Background



This preview shows how the Yxy color 50.0835, 0.3874, 0.3989 looks on a white background.

Color Contrast Check

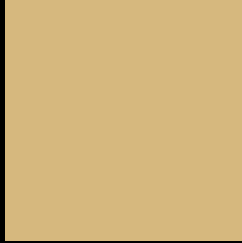
Large Text (above 18pt) WCAG AA × Fail

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 50.0835, 0.3874, 0.3989 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 50.0835, 0.3874, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 50.0835, 0.3874, 0.3989.



This preview shows how white text looks on a background with the Yxy color 50.0835, 0.3874, 0.3989.

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

50.0835, 0.3874, 0.3989

Protanopia

50.1953, 0.3747, 0.4049

Deuteranopia

50.1824, 0.3986, 0.3907



Tritanopia

50.1405, 0.3409, 0.3128

Trichromacy



Original Color

50.0835, 0.3874, 0.3989

Protanomaly

50.3384, 0.3788, 0.4028

Deuteranomaly

49.9522, 0.3944, 0.3927

Tritanomaly

49.9356, 0.3577, 0.3434

Monochromacy



Original Color

50.0835, 0.3874, 0.3989

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1140, 0.3391, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0835, 0.3874, 0.3989 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(214, 184, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 184, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 126) }
```

Border

The CSS property to change the border of an element to Yxy 50.0835, 0.3874, 0.3989 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(214, 184, 126) }
```

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

```
.border{ border-color:rgb(214, 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(214, 184, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0835, 0.3874, 0.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 126) }
```

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

```
.background{ background-color: rgb(214,  
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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