

Converting Colors

$Yxy(50.0791, 0.3833, 0.3996)$

Have a look what the booklet for
Yxy(50.0791, 0.3833, 0.3996)
contains.

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Color

Yxy(50.0791, 0.3833, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	D3B97F
RGB	211, 185, 127
RGB Percent	83%, 73%, 50%
CMY	0.1727, 0.2744, 0.5020
CMYK	0.00, 0.12, 0.40, 0.17
HSL	41°, 49%, 66%
HSV	41°, 40%, 83%
XYZ	48.0363, 50.0791, 27.2076
YIQ	186.1620, 34.1140, -12.5260

Conversions

Conversions Part 2

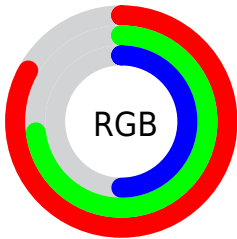
Format	Color
R_{YB}	165, 211, 127
Decimal	13875583
CIE _{Lab}	76.12, 1.21, 32.85
CIE _{LCh}	76, 32.874, 87.885
Yxy	50.0791, 0.3833, 0.3996
Android (android.graphics.Color)	4292065663 (0xFFD3B97F)
YUV	186.1620, -29.1669, 21.7829
Hunter-Lab	70.7666, -2.6758, 26.7414

Details

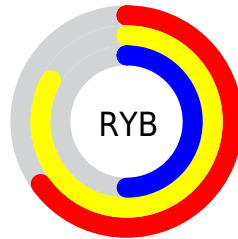
The Yxy color **50.0791, 0.3833, 0.3996** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.9747, 0.2453, 0.2460**, and the grayscale version is **49.3495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4659, 0.3610, 0.3901**, and **24.0069, 0.4015, 0.4171** is the 20% darker color. If you saturate the color by 10%, you get **46.9220, 0.4036, 0.4165**, and if you desaturate by 10%, it is **53.4811, 0.3636, 0.3817**.

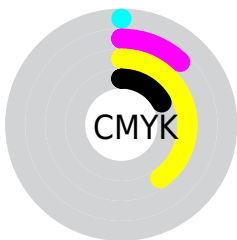
Distribution



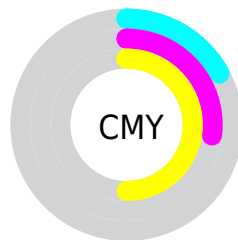
- Red (83%)
- Green (73%)
- Blue (50%)



- Red (65%)
- Yellow (83%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0791, 0.3833, 0.3996 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 50.0791, 0.3833, 0.3996 by changing the saturation by 10% instead.


 50.0791, 0.3833,
0.3996


 50.0791, 0.3833,
0.3996


386.9752, 0.3489,
0.3654


 35.4763, 0.3914,
0.4076


 90.2921, 0.3711,
0.3875

 24.0300, 0.4015,
0.4175


 116.6710, 0.3665,
0.3829

 15.3559, 0.4142,
0.4299


 147.7440, 0.3625,
0.3789

 9.0695, 0.4305,
0.4456

183.8956, 0.3590,
0.3755

 4.7866, 0.4515,
0.4656

225.5101, 0.3560,
0.3725

 2.1226, 0.4938,
0.5062

272.9720, 0.3534,

 0.6773, 0.4985,

0.3699

0.5015

326.6655, 0.3510,
0.3675

0.0000, 0.0000,
0.0000

50.0791, 0.3833,
0.3996

50.0791, 0.3833,
0.3996

46.9220, 0.4036,
0.4165

53.4811, 0.3636,
0.3817

43.9939, 0.4239,
0.4313

57.1293, 0.3451,
0.3635

41.2874, 0.4433,
0.4430

61.0337, 0.3280,
0.3457

38.7916, 0.4607,
0.4505

65.2016, 0.3124,
0.3287

36.4938, 0.4754,
0.4531

69.6399, 0.2984,
0.3127

■ 34.3727, 0.4873,
0.4512

■ 74.3551, 0.2858,
0.2978

■ 34.3334, 0.4875,
0.4511

■ 78.0215, 0.2853,
0.3033

■ 81.7319, 0.2857,
0.3103

■ 85.5795, 0.2860,
0.3172

Harmonies

Analogous

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



50.0791, 0.4017, 0.3714



50.0791, 0.3833, 0.3996



50.0791, 0.3463, 0.4101

Triad

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



50.0791, 0.3833, 0.3996



50.0791, 0.2370, 0.3132



50.0791, 0.3188, 0.2737

Complementary

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



50.0791, 0.3833, 0.3996



31.9747, 0.2453, 0.2460

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.



50.0791, 0.2754, 0.2586



50.0791, 0.3833, 0.3996



50.0791, 0.2308, 0.2779

Square

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



50.0791, 0.3833, 0.3996



50.0791, 0.2622, 0.3574



50.0791, 0.2443, 0.2594



50.0791, 0.3633, 0.3012

Rectangle

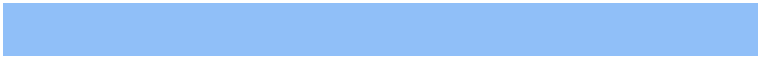
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.0791, 0.3833, 0.3996



50.0791, 0.3167, 0.4030



50.0791, 0.2443, 0.2594



50.0791, 0.3035, 0.2670

Sweetspot

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



50.0814, 0.3833, 0.3996



92.2981, 0.3319, 0.3498



31.3386, 0.3800, 0.2959



19.5839, 0.3341, 0.3521



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.



50.0814, 0.3833, 0.3996



72.6593, 0.4010, 0.4144



59.7837, 0.3592, 0.4315



13.1554, 0.3274, 0.3450



20.9162, 0.4862, 0.4521



1.3070, 0.4711, 0.4642

Inverse Universe

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



31.9747, 0.2453, 0.2460



41.0825, 0.2295, 0.2239



25.6614, 0.2522, 0.2118



12.0051, 0.2982, 0.3125



5.2950, 0.1620, 0.1030



0.4366, 0.1724, 0.1405

Previews

White Background



This preview shows how the Yxy color 50.0791, 0.3833, 0.3996 looks on a white background.

Color Contrast Check

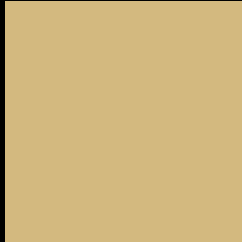
Large Text (above 18pt) WCAG AA × Fail

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 50.0791, 0.3833, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

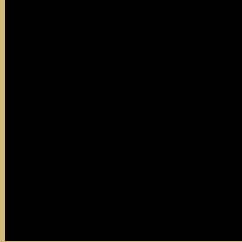
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0791, 0.3833, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 50.0791, 0.3833, 0.3996.



This preview shows how white text looks on a background with the Yxy color 50.0791, 0.3833, 0.3996.

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

50.0791, 0.3833, 0.3996

Protanopia

50.2215, 0.3739, 0.4037

Deuteranopia

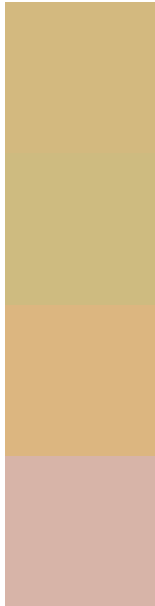
50.2086, 0.3978, 0.3896



Tritanopia

50.1113, 0.3372, 0.3127

Trichromacy



Original Color

50.0791, 0.3833, 0.3996

Protanomaly

50.2210, 0.3770, 0.4019

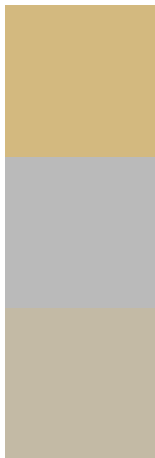
Deuteranomaly

50.2301, 0.3922, 0.3929

Tritanomaly

49.9167, 0.3538, 0.3435

Monochromacy



Original Color

50.0791, 0.3833, 0.3996

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4365, 0.3372, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0791, 0.3833, 0.3996 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(211, 185, 127)` looks like.

```
.text, #text, p{  
    color:rgb(211, 185, 127)  
}
```

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(211, 185, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 185, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.0791, 0.3833, 0.3996 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(211, 185, 127) }
```

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

```
.border{ border-color:rgb(211, 185, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 185, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 185, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 185, 127);  
box-shadow:4px 4px 4px 4px rgb(211, 185,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0791, 0.3833, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 185, 127) }
```

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

```
.background{ background-color: rgb(211,  
185, 127) }
```

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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