

Converting Colors

$Y_{xy}(50.5650, 0.3893, 0.3970)$

Have a look what the booklet for
Yxy(50.5650, 0.3893, 0.3970)
contains.

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Color

Yxy(50.5650, 0.3893, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	D9B87F
RGB	217, 184, 127
RGB Percent	85%, 72%, 50%
CMY	0.1490, 0.2784, 0.5020
CMYK	0.00, 0.15, 0.41, 0.15
HSL	38°, 54%, 67%
HSV	38°, 41%, 85%
XYZ	49.5843, 50.5650, 27.2185
YIQ	187.3690, 37.9650, -10.7310

Conversions

Conversions Part 2

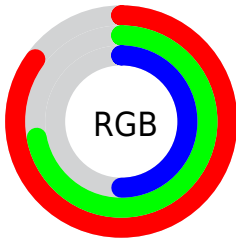
Format	Color
RYB	179, 217, 127
Decimal	14268543
CIELab	76.41, 4.17, 33.35
CIELCh	76, 33.606, 82.879
Yxy	50.5650, 0.3893, 0.3970
Android (android.graphics.Color)	4292458623 (0xFFD9B87F)
YUV	187.3690, -29.7619, 25.9864
Hunter-Lab	71.1091, 0.0270, 27.0819

Details

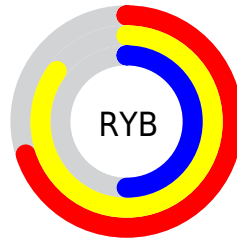
The Yxy color **50.5650, 0.3893, 0.3970** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.6504, 0.2434, 0.2492**, and the grayscale version is **50.0688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8755, 0.3613, 0.3892**, and **24.2420, 0.4085, 0.4135** is the 20% darker color. If you saturate the color by 10%, you get **46.8496, 0.4113, 0.4125**, and if you desaturate by 10%, it is **54.5927, 0.3683, 0.3804**.

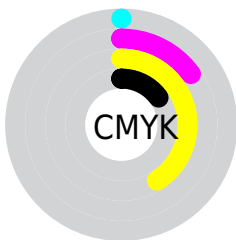
Distribution



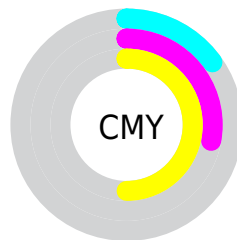
- Red (85%)
- Green (72%)
- Blue (50%)



- Red (70%)
- Yellow (85%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (41%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5650, 0.3893, 0.3970 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 50.5650, 0.3893, 0.3970 by changing the saturation by 10% instead.


 50.5650, 0.3893,
0.3970

 50.5650, 0.3893,
0.3970


388.8713, 0.3520,
0.3645

 35.8625, 0.3981,
0.4045


 91.0114, 0.3761,
0.3856

 24.3280, 0.4091,
0.4136

 117.5242, 0.3710,
0.3812

 15.5771, 0.4230,
0.4250


 148.7425, 0.3667,
0.3774

 9.2254, 0.4408,
0.4391

185.0508, 0.3629,
0.3742

 4.8885, 0.4641,
0.4563

226.8334, 0.3597,
0.3713

 2.1820, 0.5093,
0.4907

274.4748, 0.3568,

 0.7102, 0.5224,

0.3688

0.4776

328.3593, 0.3542,
0.3665

0.0000, 0.0000,
0.0000

50.5650, 0.3893,
0.3970

50.5650, 0.3893,
0.3970

46.8496, 0.4113,
0.4125

54.5927, 0.3683,
0.3804

43.4286, 0.4335,
0.4258

58.9356, 0.3488,
0.3636

40.2922, 0.4550,
0.4357

63.6059, 0.3310,
0.3471

37.4273, 0.4747,
0.4413

68.6123, 0.3149,
0.3313

34.8184, 0.4914,
0.4417

73.9635, 0.3006,
0.3164

■ 32.7778, 0.5034,
0.4385

■ 79.5266, 0.2891,
0.3048

■ 84.0980, 0.2894,
0.3131

■ 88.8745, 0.2897,
0.3214

■ 93.4909, 0.2900,
0.3289

Harmonies

Analogous

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



50.5650, 0.4041, 0.3663



50.5650, 0.3893, 0.3970



50.5650, 0.3540, 0.4116

Triad

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



50.5650, 0.3893, 0.3970



50.5650, 0.2386, 0.3200



50.5650, 0.3110, 0.2692

Complementary

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



50.5650, 0.3893, 0.3970



34.6504, 0.2434, 0.2492

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.



50.5650, 0.2683, 0.2563



50.5650, 0.3893, 0.3970



50.5650, 0.2290, 0.2818

Square

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



50.5650, 0.3893, 0.3970



50.5650, 0.2672, 0.3654



50.5650, 0.2394, 0.2600



50.5650, 0.3572, 0.2953

Rectangle

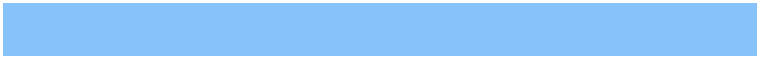
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.5650, 0.3893, 0.3970



50.5650, 0.3244, 0.4075



50.5650, 0.2394, 0.2600



50.5650, 0.2958, 0.2632

Sweetspot

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



50.5674, 0.3893, 0.3970



91.2365, 0.3321, 0.3481



32.4625, 0.3789, 0.2891



19.3334, 0.3343, 0.3502



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.



50.5674, 0.3893, 0.3970



68.0524, 0.4090, 0.4110



64.1327, 0.3647, 0.4346



14.4198, 0.3276, 0.3438



20.0509, 0.5018, 0.4397



1.4612, 0.4849, 0.4532

Inverse Universe

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



34.6504, 0.2434, 0.2492



42.1288, 0.2277, 0.2281



25.6711, 0.2453, 0.2047



13.3947, 0.2981, 0.3138



6.6481, 0.1660, 0.1175



0.5918, 0.1751, 0.1505

Previews

White Background



This preview shows how the Yxy color 50.5650, 0.3893, 0.3970 looks on a white background.

Color Contrast Check

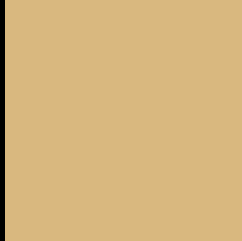
Large Text (above 18pt) WCAG AA × Fail

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 50.5650, 0.3893, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

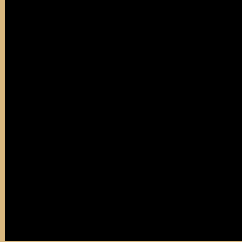
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5650, 0.3893, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 50.5650, 0.3893, 0.3970.



This preview shows how white text looks on a background with the Yxy color 50.5650, 0.3893, 0.3970.

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

50.5650, 0.3893, 0.3970

Protanopia

50.8175, 0.3736, 0.4034

Deuteranopia

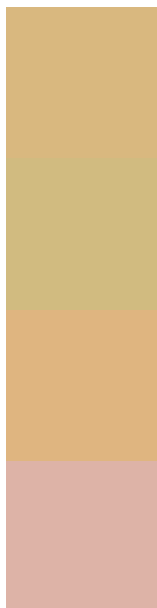
50.3698, 0.3987, 0.3893



Tritanopia

50.4563, 0.3426, 0.3129

Trichromacy



Original Color

50.5650, 0.3893, 0.3970

Protanomaly

50.6545, 0.3798, 0.4011

Deuteranomaly

50.2942, 0.3954, 0.3911

Tritanomaly

50.4024, 0.3604, 0.3433

Monochromacy



Original Color

50.5650, 0.3893, 0.3970

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 50.5650, 0.3893, 0.3970 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(217, 184, 127)` looks like.

```
.text, #text, p{  
    color:rgb(217, 184, 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(217, 184, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 184, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.5650, 0.3893, 0.3970 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(217, 184, 127) }
```

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

```
.border{ border-color:rgb(217, 184, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 184, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 184, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 184, 127);  
box-shadow:4px 4px 4px 4px rgb(217, 184,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5650, 0.3893, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 184, 127) }
```

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

```
.background{ background-color: rgb(217,  
184, 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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