

Converting Colors

Yxy(50.7113, 0.3846, 0.4038)

Have a look what the booklet for
Yxy(50.7113, 0.3846, 0.4038)
contains.

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Color

Yxy(50.8702, 0.3840, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	D3BB7D
RGB	211, 187, 125
RGB Percent	83%, 73%, 49%
CMY	0.1725, 0.2667, 0.5098
CMYK	0.00, 0.11, 0.41, 0.17
HSL	43°, 49%, 66%
HSV	43°, 41%, 83%
XYZ	48.3399, 50.8702, 26.6751
YIQ	187.1080, 34.2060, -14.1940

Conversions

Conversions Part 2

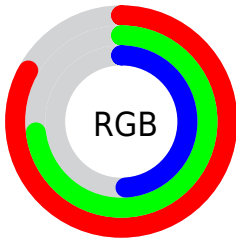
Format	Color
R _{YB}	158, 211, 125
Decimal	13876093
CIE Lab	76.60, -0.03, 34.51
CIE LCh	77, 34.511, 90.049
Yxy	50.8702, 0.3840, 0.4041
Android (android.graphics.Color)	4292066173 (0xFFD3BB7D)
YUV	187.1080, -30.6192, 20.9533
Hunter-Lab	71.3233, -3.8362, 27.7518

Details

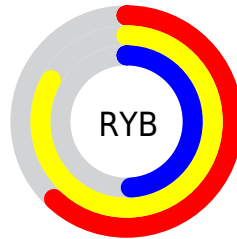
The Yxy color **50.8702, 0.3840, 0.4041** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.5675, 0.2430, 0.2398**, and the grayscale version is **49.9223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5755, 0.3617, 0.3940**, and **24.5268, 0.4019, 0.4229** is the 20% darker color. If you saturate the color by 10%, you get **47.9401, 0.4036, 0.4214**, and if you desaturate by 10%, it is **54.0222, 0.3648, 0.3856**.

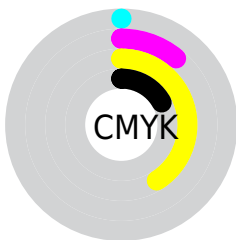
Distribution



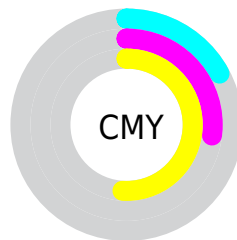
- Red (83%)
- Green (73%)
- Blue (49%)



- Red (62%)
- Yellow (83%)
- Blue (49%)



- Cyan (0%)
- Magenta (11%)
- Yellow (41%)
- Black (17%)





- Cyan (17%)
- Magenta (27%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8702, 0.3840, 0.4041 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 50.8702, 0.3840, 0.4041 by changing the saturation by 10% instead.


 50.8702, 0.3840,
0.4041


 50.8702, 0.3840,
0.4041


390.0593, 0.3495,
0.3678

 36.1053, 0.3920,
0.4126


 91.4629, 0.3719,
0.3913

 24.5155, 0.4020,
0.4230


 118.0595, 0.3672,
0.3864

 15.7165, 0.4144,
0.4361


 149.3687, 0.3632,
0.3822

 9.3238, 0.4301,
0.4527


185.7751, 0.3597,
0.3785

 4.9530, 0.4502,
0.4739

227.6629, 0.3567,
0.3753

 2.2197, 0.4871,
0.5129

275.4167, 0.3540,

 0.7307, 0.4870,

0.3725

0.5130

329.4206, 0.3516,
0.3700

0.0000, 0.0000,
0.0000

50.8702, 0.3840,
0.4041

50.8702, 0.3840,
0.4041

47.9401, 0.4036,
0.4214

54.0222, 0.3648,
0.3856

45.2162, 0.4228,
0.4366

57.3969, 0.3465,
0.3667

42.6916, 0.4409,
0.4484

61.0040, 0.3295,
0.3481

40.3556, 0.4568,
0.4559

64.8504, 0.3138,
0.3303

38.1959, 0.4699,
0.4586

68.9425, 0.2997,
0.3135

■ 36.3375, 0.4797,
0.4573

■ 73.2867, 0.2869,
0.2978

■ 76.6944, 0.2852,
0.3008

■ 79.9968, 0.2855,
0.3071

■ 83.4108, 0.2858,
0.3133

Harmonies

Analogous

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



50.8702, 0.4051, 0.3755



50.8702, 0.3840, 0.4041



50.8702, 0.3443, 0.4137

Triad

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



50.8702, 0.3840, 0.4041



50.8702, 0.2327, 0.3091



50.8702, 0.3224, 0.2731

Complementary

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



50.8702, 0.3840, 0.4041



30.5675, 0.2430, 0.2398

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.



50.8702, 0.2767, 0.2564



50.8702, 0.3840, 0.4041



50.8702, 0.2278, 0.2736

Square

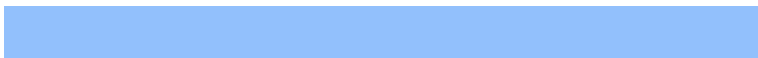
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.8702, 0.3840, 0.4041



50.8702, 0.2575, 0.3554



50.8702, 0.2432, 0.2558



50.8702, 0.3686, 0.3024

Rectangle

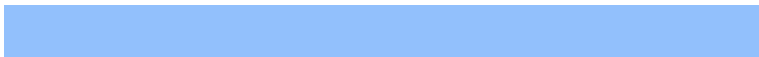
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.8702, 0.3840, 0.4041



50.8702, 0.3134, 0.4050



50.8702, 0.2432, 0.2558



50.8702, 0.3064, 0.2659

Sweetspot

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



50.8726, 0.3840, 0.4041



92.8522, 0.3317, 0.3507



30.7025, 0.3858, 0.2987



19.7147, 0.3339, 0.3531



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.



50.8726, 0.3840, 0.4041



74.1162, 0.4012, 0.4194



59.3343, 0.3579, 0.4348



13.2162, 0.3273, 0.3457



22.1062, 0.4785, 0.4582



1.3661, 0.4653, 0.4688

Inverse Universe

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



30.5675, 0.2430, 0.2398



38.8591, 0.2267, 0.2164



25.2704, 0.2529, 0.2093



11.9475, 0.2982, 0.3118



4.8712, 0.1600, 0.0961



0.4072, 0.1703, 0.1331

Previews

White Background



This preview shows how the Yxy color 50.8702, 0.3840, 0.4041 looks on a white background.

Color Contrast Check

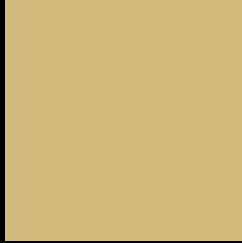
Large Text (above 18pt) WCAG AA × Fail

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 50.8702, 0.3840, 0.4041 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 50.8702, 0.3840, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 50.8702, 0.3840, 0.4041.



This preview shows how white text looks on a background with the Yxy color 50.8702, 0.3840, 0.4041.

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

50.8702, 0.3840, 0.4041

Protanopia

50.8807, 0.3768, 0.4067

Deuteranopia

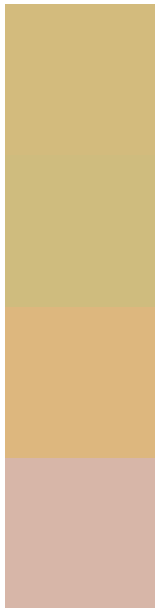
50.8850, 0.4008, 0.3924



Tritanopia

50.9514, 0.3360, 0.3139

Trichromacy



Original Color

50.8702, 0.3840, 0.4041

Protanomaly

50.7382, 0.3791, 0.4051

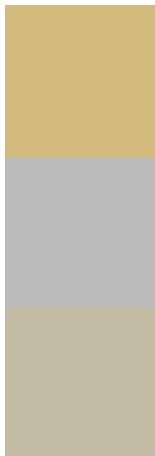
Deuteranomaly

50.7455, 0.3943, 0.3960

Tritanomaly

50.7301, 0.3533, 0.3459

Monochromacy



Original Color

50.8702, 0.3840, 0.4041

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.9567, 0.3387, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8702, 0.3840, 0.4041 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, 187, 125)` looks like.

```
.text, #text, p{  
    color:rgb(211, 187, 125)  
}
```

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, 187, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 187, 125) }
```

Border

The CSS property to change the border of an element to Yxy 50.8702, 0.3840, 0.4041 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, 187, 125) }
```

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

```
.border{ border-color:rgb(211, 187, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 187, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 187, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 187, 125);  
box-shadow:4px 4px 4px 4px rgb(211, 187,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8702, 0.3840, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 187, 125) }
```

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

```
.background{ background-color: rgb(211,  
187, 125) }
```

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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