

Converting Colors

Yxy(51.0165, 0.4004, 0.4233)

Have a look what the booklet for
Yxy(51.0165, 0.4004, 0.4233)
contains.

| | |
|---|----|
| Yxy(50.8983, 0.4005, 0.4233) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.8983, 0.4005, 0.4233)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6BB6B |
| RGB | 214, 187, 107 |
| RGB Percent | 84%, 73%, 42% |
| CMY | 0.1607, 0.2667, 0.5805 |
| CMYK | 0.00, 0.13, 0.50, 0.16 |
| HSL | 45°, 57%, 63% |
| HSV | 45°, 50%, 84% |
| XYZ | 48.1568, 50.8983, 21.1866 |
| YIQ | 185.9530, 41.7720, -19.1560 |

Conversions

Conversions Part 2

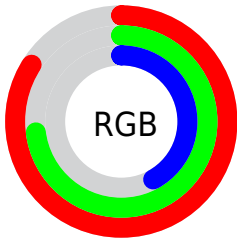
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 143, 214, 107 |
| Decimal | 14072683 |
| CIELab | 76.62, -0.61, 43.79 |
| CIELCh | 77, 43.795, 90.795 |
| Yxy | 50.8983, 0.4005, 0.4233 |
| Android (android.graphics.Color) | 4292262763 (0xFFD6BB6B) |
| YUV | 185.9530, -38.9238, 24.5972 |
| Hunter-Lab | 71.3430, -4.3622, 32.3329 |

Details

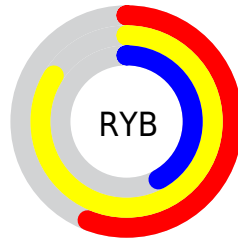
The Yxy color **50.8983, 0.4005, 0.4233** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.0230, 0.2249, 0.2106**, and the grayscale version is **49.2800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8992, 0.3729, 0.4116**, and **24.5137, 0.4208, 0.4452** is the 20% darker color. If you saturate the color by 10%, you get **48.2565, 0.4190, 0.4391**, and if you desaturate by 10%, it is **53.7425, 0.3816, 0.4053**.

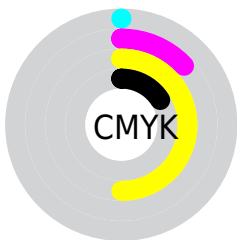
Distribution



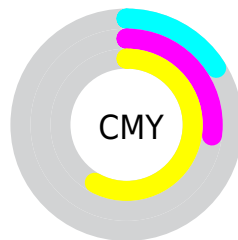
- Red (84%)
- Green (73%)
- Blue (42%)



- Red (56%)
- Yellow (84%)
- Blue (42%)



- Cyan (0%)
- Magenta (13%)
- Yellow (50%)
- Black (16%)





- Cyan (16%)
- Magenta (27%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8983, 0.4005, 0.4233 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 50.8983, 0.4005, 0.4233 by changing the saturation by 10% instead.


 50.8983, 0.4005,
0.4233

 50.8983, 0.4005,
0.4233


390.1685, 0.3588,
0.3784

 36.1277, 0.4098,
0.4334


 91.5044, 0.3861,
0.4077

 24.5328, 0.4210,
0.4456


 118.1087, 0.3804,
0.4016

 15.7293, 0.4345,
0.4603


 149.4264, 0.3755,
0.3964

 9.3328, 0.4504,
0.4777

 185.8417, 0.3713,
0.3918

 4.9589, 0.4775,
0.5074

227.7392, 0.3676,
0.3878

 2.2232, 0.4841,
0.5159

275.5033, 0.3643,

 0.7326, 0.4819,

0.3843

0.5181

329.5182, 0.3614,
0.3812

0.0000, 0.0000,
0.0000

50.8983, 0.4005,
0.4233

50.8983, 0.4005,
0.4233

48.2565, 0.4190,
0.4391

53.7425, 0.3816,
0.4053

45.8005, 0.4361,
0.4516

56.7904, 0.3629,
0.3862

43.5224, 0.4512,
0.4599

60.0522, 0.3450,
0.3667

41.4097, 0.4634,
0.4635

63.5350, 0.3282,
0.3475

39.4443, 0.4729,
0.4627

67.2456, 0.3127,
0.3290

■ 71.1905, 0.2986,
0.3116

■ 75.2609, 0.2869,
0.2972

■ 78.2234, 0.2872,
0.3030

■ 81.2791, 0.2874,
0.3087

Harmonies

Analogous

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



50.8983, 0.4290, 0.3860



50.8983, 0.4005, 0.4233



50.8983, 0.3497, 0.4375

Triad

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



50.8983, 0.4005, 0.4233



50.8983, 0.2127, 0.3011



50.8983, 0.3259, 0.2606

Complementary

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



50.8983, 0.4005, 0.4233



25.0230, 0.2249, 0.2106

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.



50.8983, 0.2683, 0.2396



50.8983, 0.4005, 0.4233



50.8983, 0.2078, 0.2578

Square

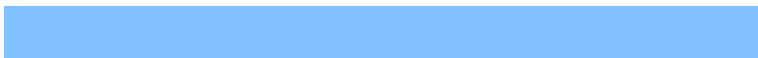
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.8983, 0.4005, 0.4233



50.8983, 0.2420, 0.3607



50.8983, 0.2269, 0.2377



50.8983, 0.3848, 0.2963

Rectangle

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



50.8983, 0.4005, 0.4233



50.8983, 0.3107, 0.4268



50.8983, 0.2269, 0.2377



50.8983, 0.3056, 0.2517

Sweetspot

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



50.9007, 0.4005, 0.4233



91.7730, 0.3367, 0.3572



26.5703, 0.4144, 0.2944



19.4090, 0.3403, 0.3613



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.



50.9007, 0.4005, 0.4233



71.5344, 0.4200, 0.4399



59.9830, 0.3651, 0.4591



13.9646, 0.3273, 0.3463



24.0124, 0.4719, 0.4635



1.5766, 0.4609, 0.4722

Inverse Universe

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



25.0230, 0.2249, 0.2106



28.9778, 0.2057, 0.1806



20.2653, 0.2375, 0.1789



12.5128, 0.2982, 0.3110



4.6701, 0.1584, 0.0902



0.4149, 0.1678, 0.1240

Previews

White Background



This preview shows how the Yxy color 50.8983, 0.4005, 0.4233 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 50.8983, 0.4005, 0.4233 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 50.8983, 0.4005, 0.4233

Background



This preview shows how black text looks on a background with the Yxy color 50.8983, 0.4005, 0.4233.



This preview shows how white text looks on a background with the Yxy color 50.8983, 0.4005, 0.4233.

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

50.8983, 0.4005, 0.4233

Protanopia

50.8878, 0.3931, 0.4264

Deuteranopia

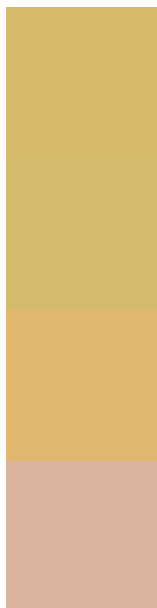
50.5482, 0.4185, 0.4095



Tritanopia

50.7355, 0.3407, 0.3129

Trichromacy



Original Color

50.8983, 0.4005, 0.4233

Protanomaly

50.7508, 0.3955, 0.4247

Deuteranomaly

50.7970, 0.4112, 0.4146

Tritanomaly

50.6459, 0.3642, 0.3541

Monochromacy



Original Color

50.8983, 0.4005, 0.4233

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2879, 0.3446, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8983, 0.4005, 0.4233 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, 187, 107)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 107)  
}
```

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, 187, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 107) }
```

Border

The CSS property to change the border of an element to Yxy 50.8983, 0.4005, 0.4233 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, 187, 107) }
```

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

```
.border{ border-color:rgb(214, 187, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 107);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8983, 0.4005, 0.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 187, 107) }
```

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

```
.background{ background-color: rgb(214,  
187, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor