

Converting Colors

$Yxy(51.1094, 0.4025, 0.4320)$

Have a look what the booklet for
Yxy(51.1094, 0.4025, 0.4320)
contains.

Yxy(50.9031, 0.4023, 0.4313)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9031, 0.4023, 0.4313)

Conversions

Conversions Part 1

Format	Color
Hex	D4BC65
RGB	212, 188, 101
RGB Percent	83%, 74%, 40%
CMY	0.1687, 0.2627, 0.6038
CMYK	0.00, 0.11, 0.52, 0.17
HSL	47°, 56%, 61%
HSV	47°, 52%, 83%
XYZ	47.4804, 50.9031, 19.6389
YIQ	185.2580, 42.2310, -21.9690

Conversions

Conversions Part 2

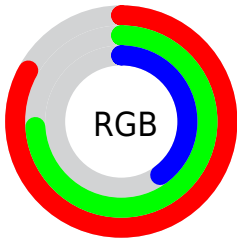
Format	Color
RYB	132, 212, 101
Decimal	13941861
CIELab	76.62, -2.49, 46.69
CIELCh	77, 46.756, 93.059
Yxy	50.9031, 0.4023, 0.4313
Android (android.graphics.Color)	4292131941 (0xFFD4BC65)
YUV	185.2580, -41.5392, 23.4527
Hunter-Lab	71.3464, -6.0659, 33.6222

Details

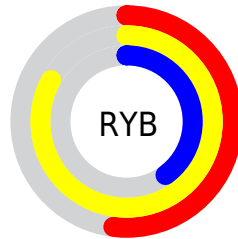
The Yxy color **50.9031, 0.4023, 0.4313** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.1850, 0.2194, 0.1980**, and the grayscale version is **48.8863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2945, 0.3762, 0.4182**, and **24.5268, 0.4227, 0.4556** is the 20% darker color. If you saturate the color by 10%, you get **48.6162, 0.4194, 0.4470**, and if you desaturate by 10%, it is **53.3640, 0.3844, 0.4131**.

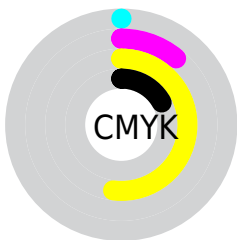
Distribution



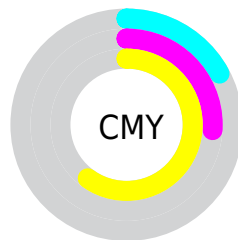
- Red (83%)
- Green (74%)
- Blue (40%)



- Red (52%)
- Yellow (83%)
- Blue (40%)



- Cyan (0%)
- Magenta (11%)
- Yellow (52%)
- Black (17%)





- Cyan (17%)
- Magenta (26%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.9031, 0.4023, 0.4313 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 50.9031, 0.4023, 0.4313 by changing the saturation by 10% instead.


 50.9031, 0.4023,
0.4313


 50.9031, 0.4023,
0.4313


390.1872, 0.3601,
0.3825


 36.1315, 0.4115,
0.4422


 91.5115, 0.3879,
0.4144


 24.5358, 0.4225,
0.4553


 118.1171, 0.3821,
0.4078

 15.7315, 0.4353,
0.4709


 149.4362, 0.3772,
0.4021

 9.3344, 0.4498,
0.4892

 185.8531, 0.3729,
0.3972

 4.9599, 0.4771,
0.5229

227.7523, 0.3691,
0.3928

 2.2238, 0.4739,
0.5261

275.5181, 0.3658,

 0.7329, 0.4645,

0.3890

0.5355

329.5349, 0.3628,
0.3856

0.0000, 0.0000,
0.0000

50.9031, 0.4023,
0.4313

50.9031, 0.4023,
0.4313

48.6162, 0.4194,
0.4470

53.3640, 0.3844,
0.4131

46.4873, 0.4348,
0.4592

55.9998, 0.3663,
0.3934

44.5083, 0.4478,
0.4670

58.8204, 0.3486,
0.3731

42.6671, 0.4578,
0.4701

61.8325, 0.3319,
0.3529

41.3353, 0.4639,
0.4698

65.0427, 0.3162,
0.3334

■ 68.4568, 0.3018,
0.3149

■ 72.0807, 0.2887,
0.2976

■ 74.8736, 0.2856,
0.2969

■ 77.3778, 0.2859,
0.3019

Harmonies

Analogous

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



50.9031, 0.4354, 0.3923



50.9031, 0.4023, 0.4313



50.9031, 0.3469, 0.4449

Triad

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



50.9031, 0.4023, 0.4313



50.9031, 0.2053, 0.2945



50.9031, 0.3315, 0.2589

Complementary

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



50.9031, 0.4023, 0.4313



22.1850, 0.2194, 0.1980

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.



50.9031, 0.2694, 0.2354



50.9031, 0.4023, 0.4313



50.9031, 0.2022, 0.2506

Square

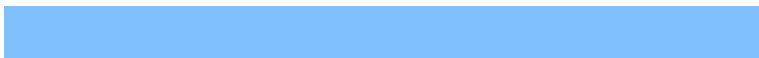
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.9031, 0.4023, 0.4313



50.9031, 0.2341, 0.3578



50.9031, 0.2242, 0.2316



50.9031, 0.3938, 0.2973

Rectangle

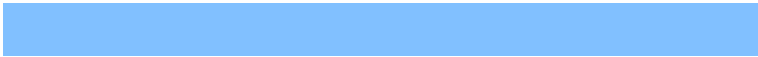
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.9031, 0.4023, 0.4313



50.9031, 0.3055, 0.4316



50.9031, 0.2242, 0.2316



50.9031, 0.3097, 0.2491

Sweetspot

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



50.9055, 0.4023, 0.4313



92.1501, 0.3382, 0.3606



24.7876, 0.4297, 0.3000



19.5200, 0.3416, 0.3648



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.



50.9055, 0.4023, 0.4313



73.4160, 0.4215, 0.4488



57.7865, 0.3624, 0.4670



14.0434, 0.3272, 0.3472



25.6752, 0.4632, 0.4704



1.6644, 0.4541, 0.4776

Inverse Universe

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



22.1850, 0.2194, 0.1980



25.3332, 0.1987, 0.1647



19.0062, 0.2381, 0.1733



12.4393, 0.2982, 0.3102



4.2520, 0.1565, 0.0832



0.3803, 0.1655, 0.1156

Previews

White Background



This preview shows how the Yxy color 50.9031, 0.4023, 0.4313 looks on a white background.

Color Contrast Check

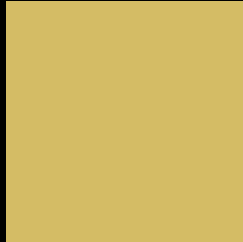
Large Text (above 18pt) WCAG AA × Fail

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 50.9031, 0.4023, 0.4313 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 50.9031, 0.4023, 0.4313

Background



This preview shows how black text looks on a background with the Yxy color 50.9031, 0.4023, 0.4313.

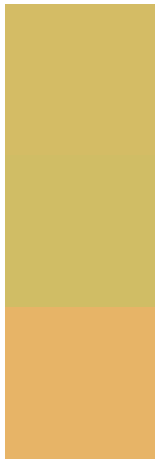


This preview shows how white text looks on a background with the Yxy color 50.9031, 0.4023, 0.4313.

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

50.9031, 0.4023, 0.4313

Protanopia

50.7447, 0.3981, 0.4339

Deuteranopia

50.6107, 0.4232, 0.4141



Tritanopia

51.0187, 0.3388, 0.3129

Trichromacy



Original Color

50.9031, 0.4023, 0.4313

Protanomaly

50.8901, 0.3990, 0.4335

Deuteranomaly

50.6736, 0.4157, 0.4207

Tritanomaly

50.8645, 0.3638, 0.3566

Monochromacy



Original Color

50.9031, 0.4023, 0.4313

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.0530, 0.3462, 0.3700

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9031, 0.4023, 0.4313 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(212, 188, 101)` looks like.

```
.text, #text, p{  
    color:rgb(212, 188, 101)  
}
```

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(212, 188, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 188, 101) }
```

Border

The CSS property to change the border of an element to Yxy 50.9031, 0.4023, 0.4313 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(212, 188, 101) }
```

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

```
.border{ border-color:rgb(212, 188, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 188, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 188, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 188, 101);  
box-shadow:4px 4px 4px 4px rgb(212, 188,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9031, 0.4023, 0.4313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 188, 101) }
```

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

```
.background{ background-color: rgb(212,  
188, 101) }
```

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