

Converting Colors

$Yxy(50.6869, 0.4001, 0.4370)$

Have a look what the booklet for
Yxy(50.6869, 0.4001, 0.4370)
contains.

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Color

Yxy(50.6869, 0.4001, 0.4370)

Conversions

Conversions Part 1

Format	Color
Hex	D0BD62
RGB	208, 189, 98
RGB Percent	82%, 74%, 38%
CMY	0.1845, 0.2588, 0.6157
CMYK	0.00, 0.09, 0.53, 0.18
HSL	50°, 54%, 60%
HSV	50°, 53%, 82%
XYZ	46.4069, 50.6869, 18.8945
YIQ	184.3070, 40.5350, -24.2730

Conversions

Conversions Part 2

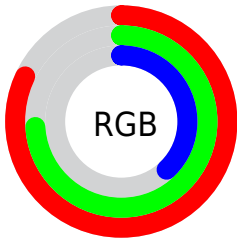
Format	Color
RYB	121, 208, 98
Decimal	13679970
CIELab	76.49, -4.94, 47.91
CIELCh	76, 48.163, 95.889
Yxy	50.6869, 0.4001, 0.4370
Android (android.graphics.Color)	4291870050 (0xFFD0BD62)
YUV	184.3070, -42.5494, 20.7788
Hunter-Lab	71.1947, -8.2390, 34.1012

Details

The Yxy color **50.6869, 0.4001, 0.4370** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **19.8609, 0.2171, 0.1893**, and the grayscale version is **48.3339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.7992, 0.3776, 0.4218**, and **24.3929, 0.4189, 0.4628** is the 20% darker color. If you saturate the color by 10%, you get **48.8234, 0.4157, 0.4532**, and if you desaturate by 10%, it is **52.6953, 0.3833, 0.4182**.

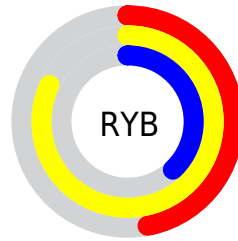
Distribution



Red (82%)

Green (74%)

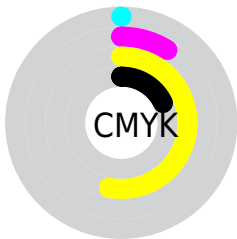
Blue (38%)



Red (47%)

Yellow (82%)

Blue (38%)

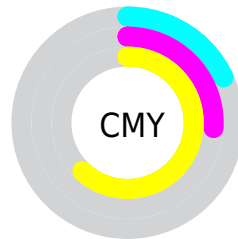


Cyan (0%)

Magenta (9%)

Yellow (53%)

Black (18%)



Cyan (18%)


Magenta (26%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.6869, 0.4001, 0.4370 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 50.6869, 0.4001, 0.4370 by changing the saturation by 10% instead.


 50.6869, 0.4001,
0.4370

 50.6869, 0.4001,
0.4370


389.3461, 0.3593,
0.3852

 35.9595, 0.4089,
0.4486


 91.1918, 0.3862,
0.4190


 24.4029, 0.4192,
0.4627


 117.7381, 0.3807,
0.4120

 15.6328, 0.4311,
0.4795


 148.9927, 0.3759,
0.4059

 9.2647, 0.4441,
0.4992

 185.3402, 0.3717,
0.4007

 4.9142, 0.4668,
0.5332

227.1649, 0.3680,
0.3961

 2.1970, 0.4604,
0.5396

274.8512, 0.3648,

 0.7184, 0.4390,

0.3920

0.5610

328.7835, 0.3619,
0.3884

0.0000, 0.0000,
0.0000

50.6869, 0.4001,
0.4370

50.6869, 0.4001,
0.4370

48.8234, 0.4157,
0.4532

52.6953, 0.3833,
0.4182

47.0893, 0.4295,
0.4657

54.8489, 0.3661,
0.3977

45.4774, 0.4407,
0.4740

57.1570, 0.3490,
0.3765

43.9762, 0.4491,
0.4776

59.6258, 0.3325,
0.3553

42.9597, 0.4537,
0.4780

62.2612, 0.3170,
0.3347

■ 65.0688, 0.3026,
0.3152

■ 68.0538, 0.2893,
0.2968

■ 70.6022, 0.2827,
0.2891

■ 72.4771, 0.2829,
0.2930

Harmonies

Analogous

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



50.6869, 0.4372, 0.3981



50.6869, 0.4001, 0.4370



50.6869, 0.3417, 0.4481

Triad

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



50.6869, 0.4001, 0.4370



50.6869, 0.2009, 0.2879



50.6869, 0.3384, 0.2601

Complementary

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



50.6869, 0.4001, 0.4370



19.8609, 0.2171, 0.1893

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.



50.6869, 0.2735, 0.2344



50.6869, 0.4001, 0.4370



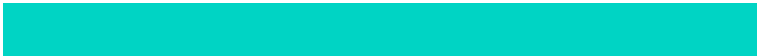
50.6869, 0.2003, 0.2453

Square

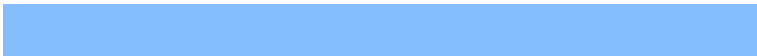
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.6869, 0.4001, 0.4370



50.6869, 0.2279, 0.3520



50.6869, 0.2251, 0.2283



50.6869, 0.4016, 0.3006

Rectangle

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



50.6869, 0.4001, 0.4370



50.6869, 0.2990, 0.4316



50.6869, 0.2251, 0.2283



50.6869, 0.3158, 0.2496

Sweetspot

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



50.6893, 0.4001, 0.4370



93.2420, 0.3379, 0.3623



23.4534, 0.4367, 0.3044



19.7823, 0.3413, 0.3667



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.



50.6893, 0.4001, 0.4370



77.1887, 0.4170, 0.4544



54.8757, 0.3596, 0.4697



13.4365, 0.3270, 0.3481



26.9111, 0.4531, 0.4784



1.5983, 0.4459, 0.4842

Inverse Universe

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



19.8609, 0.2171, 0.1893



23.5443, 0.1967, 0.1561



18.2617, 0.2407, 0.1731



11.7422, 0.2982, 0.3092



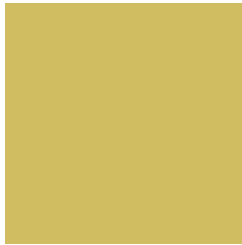
3.7169, 0.1545, 0.0762



0.3113, 0.1632, 0.1074

Previews

White Background



This preview shows how the Yxy color 50.6869, 0.4001, 0.4370 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 50.6869, 0.4001, 0.4370 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 50.6869, 0.4001, 0.4370

Background



This preview shows how black text looks on a background with the Yxy color 50.6869, 0.4001, 0.4370.



This preview shows how white text looks on a background with the Yxy color 50.6869, 0.4001, 0.4370.

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

50.6869, 0.4001, 0.4370

Protanopia

50.6869, 0.4001, 0.4370

Deuteranopia

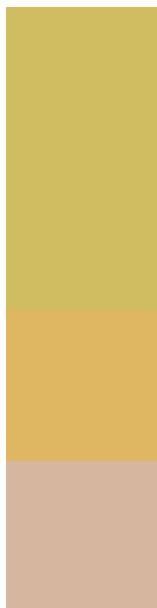
50.5515, 0.4255, 0.4170



Tritanopia

50.3983, 0.3353, 0.3127

Trichromacy



Original Color

50.6869, 0.4001, 0.4370

Protanomaly

50.6869, 0.4001, 0.4370

Deuteranomaly

50.4558, 0.4169, 0.4240

Tritanomaly

50.2207, 0.3611, 0.3581

Monochromacy



Original Color

50.6869, 0.4001, 0.4370

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.7552, 0.3452, 0.3716

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.6869, 0.4001, 0.4370 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(208, 189, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 189, 98)  
}
```

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(208, 189, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 189, 98) }
```

Border

The CSS property to change the border of an element to Yxy 50.6869, 0.4001, 0.4370 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(208, 189, 98) }
```

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

```
.border{ border-color:rgb(208, 189, 98) }
```

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

Here you see how a box with a 4 pixel rgb(208, 189, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 189, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 189, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 189,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 50.6869, 0.4001, 0.4370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 189, 98) }
```

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

```
.background{ background-color: rgb(208,  
189, 98) }
```

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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