

Converting Colors

$Yxy(52.2307, 0.4008, 0.4314)$

Have a look what the booklet for
Yxy(52.2307, 0.4008, 0.4314)
contains.

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Color

Yxy(52.3870, 0.4000, 0.4319)

Conversions

Conversions Part 1

Format	Color
Hex	D5BF67
RGB	213, 191, 103
RGB Percent	84%, 75%, 40%
CMY	0.1647, 0.2509, 0.5960
CMYK	0.00, 0.10, 0.52, 0.16
HSL	48°, 57%, 62%
HSV	48°, 52%, 84%
XYZ	48.5177, 52.3870, 20.3896
YIQ	187.5460, 41.3600, -22.7040

Conversions

Conversions Part 2

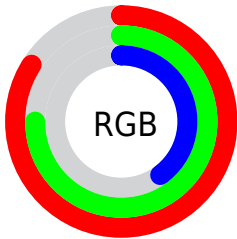
Format	Color
RYB	131, 213, 103
Decimal	14008167
CIELab	77.51, -3.47, 46.80
CIELCh	78, 46.933, 94.239
Yxy	52.3870, 0.4000, 0.4319
Android (android.graphics.Color)	4292198247 (0xFFD5BF67)
YUV	187.5460, -41.6812, 22.3232
Hunter-Lab	72.3789, -7.0091, 33.9628

Details

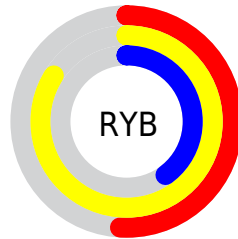
The Yxy color **52.3870, 0.4000, 0.4319** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.3537, 0.2202, 0.1974**, and the grayscale version is **50.2429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1818, 0.3739, 0.4189**, and **25.4928, 0.4193, 0.4565** is the 20% darker color. If you saturate the color by 10%, you get **50.1848, 0.4167, 0.4481**, and if you desaturate by 10%, it is **54.7570, 0.3824, 0.4133**.

Distribution



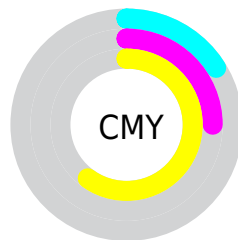
- Red (84%)
- Green (75%)
- Blue (40%)



- Red (51%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3870, 0.4000, 0.4319 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 52.3870, 0.4000, 0.4319 by changing the saturation by 10% instead.

 52.3870, 0.4000,
0.4319


 52.3870, 0.4000,
0.4319


395.9288, 0.3592,
0.3829


 37.3136, 0.4089,
0.4429


 93.7017, 0.3861,
0.4149

 25.4504, 0.4194,
0.4560


 120.7119, 0.3805,
0.4083

 16.4130, 0.4317,
0.4719


 152.4698, 0.3758,
0.4026

 9.8168, 0.4455,
0.4906

 189.3598, 0.3716,
0.3976

 5.2777, 0.4713,
0.5244

231.7663, 0.3679,
0.3932

 2.4111, 0.4691,
0.5309

280.0737, 0.3647,

 0.8316, 0.4591,

0.3894

0.5409

334.6664, 0.3618,
0.3860

0.0000, 0.0000,
0.0000

52.3870, 0.4000,
0.4319

52.3870, 0.4000,
0.4319

50.1848, 0.4167,
0.4481

54.7570, 0.3824,
0.4133

48.1341, 0.4316,
0.4607

57.2955, 0.3646,
0.3932

46.2273, 0.4442,
0.4691

60.0122, 0.3472,
0.3725

44.4523, 0.4539,
0.4728

62.9139, 0.3307,
0.3520

43.0516, 0.4601,
0.4729

66.0069, 0.3151,
0.3322

■ 69.2973, 0.3008,
0.3133

■ 72.7907, 0.2878,
0.2958

■ 75.2496, 0.2863,
0.2974

■ 77.5809, 0.2865,
0.3020

Harmonies

Analogous

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



52.3870, 0.4340, 0.3938



52.3870, 0.4000, 0.4319



52.3870, 0.3444, 0.4440

Triad

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



52.3870, 0.4000, 0.4319



52.3870, 0.2053, 0.2926



52.3870, 0.3340, 0.2605

Complementary

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



52.3870, 0.4000, 0.4319



22.3537, 0.2202, 0.1974

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.



52.3870, 0.2719, 0.2365



52.3870, 0.4000, 0.4319



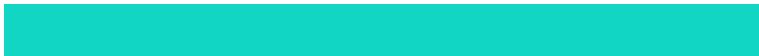
52.3870, 0.2032, 0.2498

Square

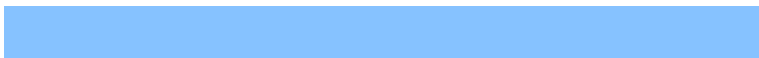
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.3870, 0.4000, 0.4319



52.3870, 0.2330, 0.3550



52.3870, 0.2260, 0.2318



52.3870, 0.3955, 0.2993

Rectangle

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



52.3870, 0.4000, 0.4319



52.3870, 0.3031, 0.4295



52.3870, 0.2260, 0.2318



52.3870, 0.3123, 0.2506

Sweetspot

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



52.3895, 0.4000, 0.4319



92.9957, 0.3364, 0.3592



25.3287, 0.4299, 0.3026



19.7056, 0.3399, 0.3635



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.



52.3895, 0.4000, 0.4319



75.1112, 0.4182, 0.4495



58.2654, 0.3604, 0.4660



14.0786, 0.3271, 0.3475



26.4481, 0.4594, 0.4734



1.7048, 0.4512, 0.4799

Inverse Universe

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



22.3537, 0.2202, 0.1974



25.3247, 0.1998, 0.1645



19.7416, 0.2410, 0.1761



12.4066, 0.2982, 0.3098



4.0870, 0.1557, 0.0804



0.3651, 0.1644, 0.1119

Previews

White Background



This preview shows how the Yxy color 52.3870, 0.4000, 0.4319 looks on a white background.

Color Contrast Check

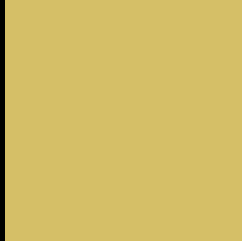
Large Text (above 18pt) WCAG AA × Fail

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 52.3870, 0.4000, 0.4319 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 52.3870, 0.4000, 0.4319

Background



This preview shows how black text looks on a background with the Yxy color 52.3870, 0.4000, 0.4319.

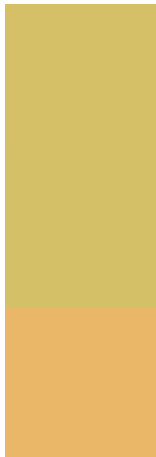


This preview shows how white text looks on a background with the Yxy color 52.3870, 0.4000, 0.4319.

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

52.3870, 0.4000, 0.4319

Protanopia

52.5274, 0.3976, 0.4337

Deuteranopia

52.3793, 0.4224, 0.4142



Tritanopia

52.5175, 0.3367, 0.3130

Trichromacy



Original Color

52.3870, 0.4000, 0.4319

Protanomaly

52.6756, 0.3985, 0.4333

Deuteranomaly

52.2860, 0.4141, 0.4210

Tritanomaly

52.3666, 0.3613, 0.3564

Monochromacy



Original Color

52.3870, 0.4000, 0.4319

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.6998, 0.3448, 0.3695

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3870, 0.4000, 0.4319 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(213, 191, 103)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 103)  
}
```

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(213, 191, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 103) }
```

Border

The CSS property to change the border of an element to Yxy 52.3870, 0.4000, 0.4319 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(213, 191, 103) }
```

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

```
.border{ border-color:rgb(213, 191, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 103);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3870, 0.4000, 0.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 103) }
```

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

```
.background{ background-color: rgb(213,  
191, 103) }
```

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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