

Converting Colors

$Yxy(53.1869, 0.4015, 0.4379)$

Have a look what the booklet for
Yxy(53.1869, 0.4015, 0.4379)
contains.

Yxy(53.1869, 0.4015, 0.4379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.1869, 0.4015, 0.4379)

Conversions

Conversions Part 1

Format	Color
Hex	D5C163
RGB	213, 193, 99
RGB Percent	84%, 76%, 39%
CMY	0.1647, 0.2431, 0.6117
CMYK	0.00, 0.09, 0.54, 0.16
HSL	49°, 58%, 61%
HSV	49°, 54%, 84%
XYZ	48.7658, 53.1869, 19.5063
YIQ	188.2640, 42.0940, -24.9940

Conversions

Conversions Part 2

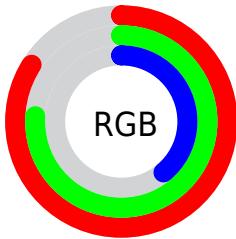
Format	Color
RYB	123, 213, 99
Decimal	14008675
CIELab	77.99, -4.83, 49.30
CIELCh	78, 49.533, 95.596
Yxy	53.1869, 0.4015, 0.4379
Android (android.graphics.Color)	4292198755 (0xFFD5C163)
YUV	188.2640, -44.0072, 21.6935
Hunter-Lab	72.9293, -8.2685, 35.1923

Details

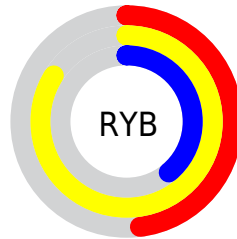
The Yxy color **53.1869, 0.4015, 0.4379** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **20.6609, 0.2158, 0.1876**, and the grayscale version is **50.6878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2784, 0.3755, 0.4243**, and **26.0375, 0.4200, 0.4630** is the 20% darker color. If you saturate the color by 10%, you get **51.2017, 0.4171, 0.4538**, and if you desaturate by 10%, it is **55.3263, 0.3847, 0.4193**.

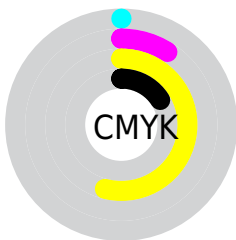
Distribution



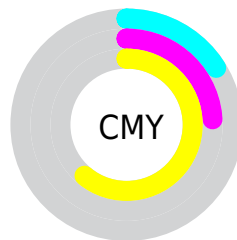
- Red (84%)
- Green (76%)
- Blue (39%)



- Red (48%)
- Yellow (84%)
- Blue (39%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1869, 0.4015, 0.4379 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 53.1869, 0.4015, 0.4379 by changing the saturation by 10% instead.

 53.1869, 0.4015,
0.4379


 53.1869, 0.4015,
0.4379

399.0018, 0.3604,
0.3862


 37.9520, 0.4102,
0.4494


 94.8793, 0.3876,
0.4201

 25.9454, 0.4205,
0.4631


 122.1056, 0.3821,
0.4131

 16.7828, 0.4322,
0.4795

 154.0979, 0.3773,
0.4070

 10.0798, 0.4450,
0.4986

 191.2404, 0.3730,
0.4018

 5.4519, 0.4680,
0.5320

233.9177, 0.3693,
0.3972

 2.5148, 0.4622,
0.5378

282.5141, 0.3660,

 0.8840, 0.4497,

0.3931

0.5503

337.4140, 0.3631,
0.3895

0.0000, 0.0000,
0.0000

53.1869, 0.4015,
0.4379

53.1869, 0.4015,
0.4379

51.2017, 0.4171,
0.4538

55.3263, 0.3847,
0.4193

49.3543, 0.4308,
0.4661

57.6205, 0.3673,
0.3989

47.6370, 0.4420,
0.4739

60.0792, 0.3502,
0.3777

46.0372, 0.4503,
0.4771

62.7092, 0.3336,
0.3566

45.0486, 0.4545,
0.4773

65.5168, 0.3179,
0.3360

■ 68.5078, 0.3034,
0.3164

■ 71.6879, 0.2901,
0.2980

■ 74.0974, 0.2862,
0.2951

■ 76.1167, 0.2864,
0.2991

Harmonies

Analogous

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



53.1869, 0.4388, 0.3982



53.1869, 0.4015, 0.4379



53.1869, 0.3425, 0.4497

Triad

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



53.1869, 0.4015, 0.4379



53.1869, 0.1998, 0.2879



53.1869, 0.3380, 0.2590

Complementary

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



53.1869, 0.4015, 0.4379



20.6609, 0.2158, 0.1876

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.



53.1869, 0.2725, 0.2332



53.1869, 0.4015, 0.4379



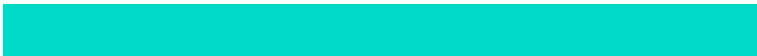
53.1869, 0.1990, 0.2446

Square

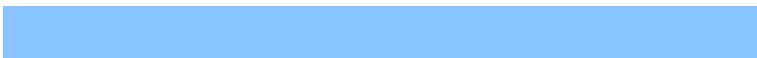
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1869, 0.4015, 0.4379



53.1869, 0.2273, 0.3530



53.1869, 0.2238, 0.2273



53.1869, 0.4021, 0.2998

Rectangle

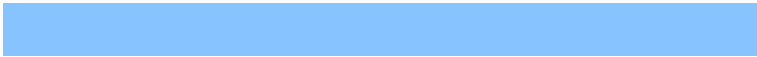
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



53.1869, 0.4015, 0.4379



53.1869, 0.2994, 0.4334



53.1869, 0.2238, 0.2273



53.1869, 0.3151, 0.2485

Sweetspot

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



53.1894, 0.4015, 0.4379



93.1604, 0.3379, 0.3622



24.4306, 0.4394, 0.3041



19.7627, 0.3413, 0.3666



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.



53.1894, 0.4015, 0.4379



76.6133, 0.4188, 0.4554



57.8320, 0.3601, 0.4716



14.1317, 0.3271, 0.3481



27.6492, 0.4539, 0.4778



1.7673, 0.4469, 0.4833

Inverse Universe

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



20.6609, 0.2158, 0.1876



23.0261, 0.1951, 0.1538



18.8944, 0.2395, 0.1709



12.3576, 0.2982, 0.3092



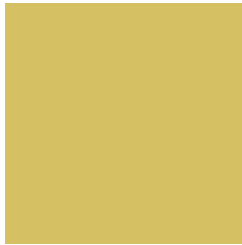
3.8627, 0.1546, 0.0766



0.3422, 0.1628, 0.1061

Previews

White Background



This preview shows how the Yxy color 53.1869, 0.4015, 0.4379 looks on a white background.

Color Contrast Check

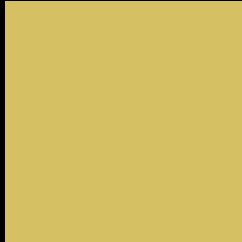
Large Text (above 18pt) WCAG AA × Fail

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 53.1869, 0.4015, 0.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

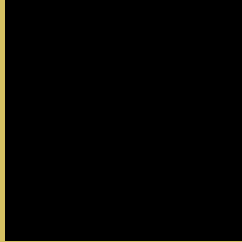
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.1869, 0.4015, 0.4379

Background



This preview shows how black text looks on a background with the Yxy color 53.1869, 0.4015, 0.4379.



This preview shows how white text looks on a background with the Yxy color 53.1869, 0.4015, 0.4379.

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

53.1869, 0.4015, 0.4379

Protanopia

53.1869, 0.4015, 0.4379

Deuteranopia

53.2251, 0.4273, 0.4179



Tritanopia

52.9710, 0.3357, 0.3130

Trichromacy



Original Color

53.1869, 0.4015, 0.4379

Protanomaly

53.1869, 0.4015, 0.4379

Deuteranomaly

52.9547, 0.4180, 0.4252

Tritanomaly

52.7511, 0.3618, 0.3587

Monochromacy



Original Color

53.1869, 0.4015, 0.4379

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.0975, 0.3454, 0.3720

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1869, 0.4015, 0.4379 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, 193, 99)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 99)  
}
```

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, 193, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 99) }
```

Border

The CSS property to change the border of an element to Yxy 53.1869, 0.4015, 0.4379 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, 193, 99) }
```

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

```
.border{ border-color:rgb(213, 193, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 193, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 99);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1869, 0.4015, 0.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 99) }
```

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

```
.background{ background-color: rgb(213,  
193, 99) }
```

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