

Converting Colors

Yxy(53.2120, 0.4051, 0.4844)

Have a look what the booklet for
Yxy(53.2120, 0.4051, 0.4844)
contains.

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Color

Yxy(53.1789, 0.4052, 0.4839)

Conversions

Conversions Part 1

Format	Color
Hex	C6C73C
RGB	198, 199, 60
RGB Percent	78%, 78%, 24%
CMY	0.2235, 0.2196, 0.7648
CMYK	0.00, 0.00, 0.70, 0.22
HSL	60°, 55%, 51%
HSV	60°, 70%, 78%
XYZ	44.5300, 53.1789, 12.1875
YIQ	182.8550, 44.0230, -43.4410

Conversions

Conversions Part 2

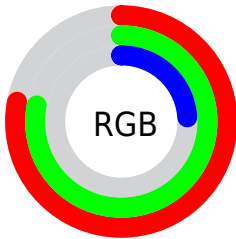
Format	Color
RYB	60, 199, 61
Decimal	13027132
CIELab	77.98, -16.75, 65.65
CIELCh	78, 67.753, 104.315
Yxy	53.1789, 0.4052, 0.4839
Android (android.graphics.Color)	4291217212 (0xFFC6C73C)
YUV	182.8550, -60.5675, 13.2822
Hunter-Lab	72.9239, -18.6180, 41.1378

Details

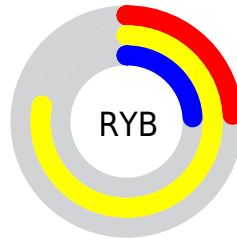
The Yxy color **53.1789, 0.4052, 0.4839** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **8.3427, 0.1796, 0.1082**, and the grayscale version is **47.5912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **25.9135, 0.4146, 0.5090** is the 20% darker color. If you saturate the color by 10%, you get **52.9899, 0.4119, 0.4954**, and if you desaturate by 10%, it is **53.4519, 0.3959, 0.4683**.

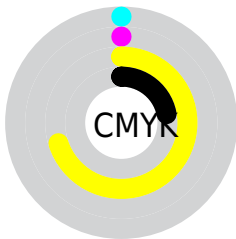
Distribution



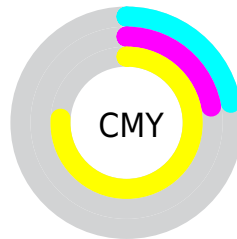
- Red (78%)
- Green (78%)
- Blue (24%)



- Red (24%)
- Yellow (78%)
- Blue (24%)



- Cyan (0%)
- Magenta (0%)
- Yellow (70%)
- Black (22%)




- Cyan (22%)
- Magenta (22%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1789, 0.4052, 0.4839 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 53.1789, 0.4052, 0.4839 by changing the saturation by 10% instead.


 53.1789, 0.4052,
0.4839


 53.1789, 0.4052,
0.4839


398.9711, 0.3662,
0.4108


 37.9456, 0.4118,
0.4994


 94.8676, 0.3932,
0.4591

 25.9405, 0.4182,
0.5174


 122.0917, 0.3881,
0.4492


 16.7791, 0.4235,
0.5377


 154.0816, 0.3834,
0.4406

 10.0771, 0.4317,
0.5683

 191.2217, 0.3792,
0.4331

 5.4501, 0.4186,
0.5814

 233.8962, 0.3754,
0.4265

 2.5137, 0.3977,
0.6023

282.4897, 0.3720,

 0.8835, 0.3278,

0.4206

0.6722

337.3866, 0.3690,
0.4154

0.0000, 0.0000,
0.0000

53.1789, 0.4052,
0.4839

53.1789, 0.4052,
0.4839

52.9899, 0.4119,
0.4954

53.4519, 0.3959,
0.4683

52.8682, 0.4160,
0.5025

53.8095, 0.3845,
0.4490

52.7985, 0.4181,
0.5062

54.2612, 0.3713,
0.4269

52.7977, 0.4181,
0.5062

54.8131, 0.3570,
0.4029

55.4712, 0.3421,
0.3780

■ 56.2406, 0.3271,
0.3530

■ 57.1263, 0.3125,
0.3287

■ 58.1330, 0.2986,
0.3055

■ 59.2651, 0.2855,
0.2837

Harmonies

Analogous

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



53.1789, 0.4683, 0.4315



53.1789, 0.4052, 0.4839



53.1789, 0.3226, 0.4927

Triad

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



53.1789, 0.4052, 0.4839



53.1789, 0.1622, 0.2502



53.1789, 0.3729, 0.2507

Complementary

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



53.1789, 0.4052, 0.4839



8.3427, 0.1796, 0.1082

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.



53.1789, 0.2810, 0.2122



53.1789, 0.4052, 0.4839



53.1789, 0.1712, 0.2070

Square

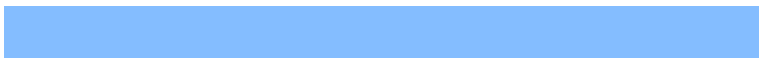
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



53.1789, 0.4052, 0.4839



53.1789, 0.1851, 0.3309



53.1789, 0.2107, 0.1963



53.1789, 0.4552, 0.3052

Rectangle

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



53.1789, 0.4052, 0.4839



53.1789, 0.2671, 0.4587



53.1789, 0.2107, 0.1963



53.1789, 0.3413, 0.2357

Sweetspot

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



53.1814, 0.4052, 0.4839



96.9463, 0.3443, 0.3816



15.6967, 0.5457, 0.3297



20.6789, 0.3485, 0.3886



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.



53.1814, 0.4052, 0.4839



92.6515, 0.4144, 0.4997



45.8788, 0.3460, 0.5227



12.4130, 0.3264, 0.3518



33.9512, 0.4181, 0.5062



1.6089, 0.4184, 0.5060

Inverse Universe

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



8.3427, 0.1796, 0.1082



9.2911, 0.1591, 0.0747



12.0573, 0.2382, 0.1365



10.2910, 0.2984, 0.3051



2.6590, 0.1503, 0.0601



0.1272, 0.1512, 0.0606

Previews

White Background



This preview shows how the Yxy color 53.1789, 0.4052, 0.4839 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 53.1789, 0.4052, 0.4839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

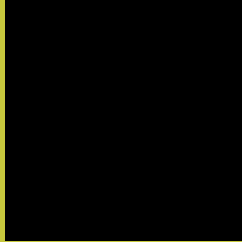
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1789, 0.4052, 0.4839

Background



This preview shows how black text looks on a background with the Yxy color 53.1789, 0.4052, 0.4839.



This preview shows how white text looks on a background with the Yxy color 53.1789, 0.4052, 0.4839.

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

53.1789, 0.4052, 0.4839

Protanopia

53.0443, 0.4265, 0.4698

Deuteranopia

52.9611, 0.4528, 0.4425



Tritanopia

52.9896, 0.3218, 0.3125

Trichromacy



Original Color

53.1789, 0.4052, 0.4839

Protanomaly

52.9013, 0.4183, 0.4749

Deuteranomaly

52.7729, 0.4350, 0.4575

Tritanomaly

52.5533, 0.3587, 0.3807

Monochromacy



Original Color

53.1789, 0.4052, 0.4839

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.9215, 0.3520, 0.3957

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1789, 0.4052, 0.4839 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(198, 199, 60)` looks like.

```
.text, #text, p{  
    color:rgb(198, 199, 60)  
}
```

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(198, 199, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 199, 60) }
```

Border

The CSS property to change the border of an element to Yxy 53.1789, 0.4052, 0.4839 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(198, 199, 60) }
```

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

```
.border{ border-color:rgb(198, 199, 60) }
```

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

Here you see how a box with a 4 pixel rgb(198, 199, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 199, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 199, 60);  
box-shadow:4px 4px 4px 4px rgb(198, 199,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1789, 0.4052, 0.4839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 199, 60) }
```

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

```
.background{ background-color: rgb(198,  
199, 60) }
```

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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