

Converting Colors

Yxy(52.6101, 0.4055, 0.4866)

Have a look what the booklet for
Yxy(52.6101, 0.4055, 0.4866)
contains.

Yxy(52.4193, 0.4053, 0.4863)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.4193, 0.4053, 0.4863)

Conversions

Conversions Part 1

Format	Color
Hex	C4C639
RGB	196, 198, 57
RGB Percent	77%, 78%, 22%
CMY	0.2316, 0.2235, 0.7765
CMYK	0.01, 0.00, 0.71, 0.22
HSL	61°, 55%, 50%
HSV	61°, 71%, 78%
XYZ	43.6881, 52.4193, 11.6847
YIQ	181.3280, 44.0690, -44.2750

Conversions

Conversions Part 2

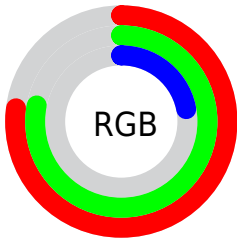
Format	Color
RYB	57, 198, 59
Decimal	12895801
CIELab	77.53, -17.28, 66.22
CIELCh	78, 68.435, 104.623
Yxy	52.4193, 0.4053, 0.4863
Android (android.graphics.Color)	4291085881 (0xFFC4C639)
YUV	181.3280, -61.2937, 12.8673
Hunter-Lab	72.4012, -18.9920, 41.1121

Details

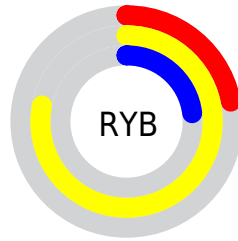
The Yxy color **52.4193, 0.4053, 0.4863** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **7.9354, 0.1780, 0.1049**, and the grayscale version is **46.7133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9723, 0.3930, 0.4618**, and **25.4355, 0.4134, 0.5099** is the 20% darker color. If you saturate the color by 10%, you get **52.2223, 0.4115, 0.4973**, and if you desaturate by 10%, it is **52.6983, 0.3965, 0.4710**.

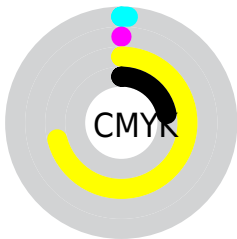
Distribution



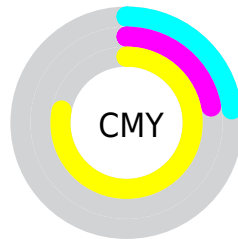
- Red (77%)
- Green (78%)
- Blue (22%)



- Red (22%)
- Yellow (78%)
- Blue (23%)



- Cyan (1%)
- Magenta (0%)
- Yellow (71%)
- Black (22%)





- Cyan (23%)
- Magenta (22%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4193, 0.4053, 0.4863 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 52.4193, 0.4053, 0.4863 by changing the saturation by 10% instead.

 52.4193, 0.4053,
0.4863


 52.4193, 0.4053,
0.4863


396.0532, 0.3664,
0.4119


 37.3394, 0.4117,
0.5021


 93.7493, 0.3935,
0.4611

 25.4704, 0.4180,
0.5203

 120.7682, 0.3883,
0.4510


 16.4279, 0.4228,
0.5408


 152.5356, 0.3836,
0.4423

 9.8274, 0.4294,
0.5706

 189.4358, 0.3794,
0.4346

 5.2847, 0.4157,
0.5843

 231.8533, 0.3757,
0.4279

 2.4152, 0.3935,
0.6065

280.1724, 0.3723,

 0.8337, 0.3078,

0.4219

0.6922

334.7776, 0.3692,
0.4166

0.0000, 0.0000,
0.0000

52.4193, 0.4053,
0.4863

52.4193, 0.4053,
0.4863

52.2223, 0.4115,
0.4973

52.6983, 0.3965,
0.4710

52.0904, 0.4152,
0.5041

53.0600, 0.3855,
0.4521

52.0147, 0.4168,
0.5073

53.5138, 0.3726,
0.4302

54.0660, 0.3586,
0.4063

54.7223, 0.3438,
0.3814

■ 55.4881, 0.3290,
0.3564

■ 56.3683, 0.3145,
0.3319

■ 57.3675, 0.3005,
0.3085

■ 58.4901, 0.2874,
0.2866

Harmonies

Analogous

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



52.4193, 0.4697, 0.4330



52.4193, 0.4053, 0.4863



52.4193, 0.3215, 0.4951

Triad

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



52.4193, 0.4053, 0.4863



52.4193, 0.1604, 0.2483



52.4193, 0.3747, 0.2502

Complementary

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



52.4193, 0.4053, 0.4863



7.9354, 0.1780, 0.1049

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.



52.4193, 0.2814, 0.2111



52.4193, 0.4053, 0.4863



52.4193, 0.1698, 0.2051

Square

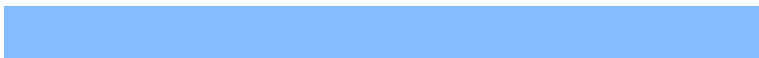
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.4193, 0.4053, 0.4863



52.4193, 0.1830, 0.3298



52.4193, 0.2100, 0.1948



52.4193, 0.4580, 0.3053

Rectangle

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



52.4193, 0.4053, 0.4863



52.4193, 0.2654, 0.4602



52.4193, 0.2100, 0.1948



52.4193, 0.3427, 0.2350

Sweetspot

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



52.4217, 0.4053, 0.4863



96.8697, 0.3440, 0.3817



15.2293, 0.5520, 0.3297



20.6604, 0.3481, 0.3887



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.



52.4217, 0.4053, 0.4863



92.3239, 0.4137, 0.5013



45.2434, 0.3459, 0.5258



12.4088, 0.3263, 0.3518



33.8225, 0.4168, 0.5073



1.6041, 0.4174, 0.5068

Inverse Universe

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



7.9354, 0.1780, 0.1049



9.1025, 0.1586, 0.0733



11.5547, 0.2365, 0.1334



10.2948, 0.2985, 0.3051



2.6670, 0.1505, 0.0603



0.1289, 0.1524, 0.0613

Previews

White Background



This preview shows how the Yxy color 52.4193, 0.4053, 0.4863 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 Xy color 52.4193, 0.4053, 0.4863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

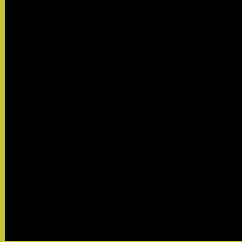
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4193, 0.4053, 0.4863

Background



This preview shows how black text looks on a background with the Yxy color 52.4193, 0.4053, 0.4863.



This preview shows how white text looks on a background with the Yxy color 52.4193, 0.4053, 0.4863.

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

52.4193, 0.4053, 0.4863

Protanopia

52.4222, 0.4277, 0.4714

Deuteranopia

52.1655, 0.4535, 0.4445



Tritanopia

52.2313, 0.3210, 0.3124

Trichromacy



Original Color

52.4193, 0.4053, 0.4863

Protanomaly

52.2790, 0.4195, 0.4765

Deuteranomaly

51.9913, 0.4355, 0.4597

Tritanomaly

51.7709, 0.3588, 0.3824

Monochromacy



Original Color

52.4193, 0.4053, 0.4863

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.7573, 0.3524, 0.3963

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4193, 0.4053, 0.4863 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(196, 198, 57)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 57)  
}
```

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(196, 198, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 57) }
```

Border

The CSS property to change the border of an element to Yxy 52.4193, 0.4053, 0.4863 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(196, 198, 57) }
```

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

```
.border{ border-color:rgb(196, 198, 57) }
```

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

Here you see how a box with a 4 pixel rgb(196, 198, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 57);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4193, 0.4053, 0.4863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 57) }
```

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

```
.background{ background-color: rgb(196,  
198, 57) }
```

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