

Converting Colors

Yxy(53.8748, 0.4017, 0.4796)

Have a look what the booklet for
Yxy(53.8748, 0.4017, 0.4796)
contains.

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Color

Yxy(53.7196, 0.4014, 0.4797)

Conversions

Conversions Part 1

Format	Color
Hex	C6C843
RGB	198, 200, 67
RGB Percent	78%, 78%, 26%
CMY	0.2236, 0.2156, 0.7371
CMYK	0.01, 0.00, 0.66, 0.22
HSL	61°, 55%, 52%
HSV	61°, 66%, 78%
XYZ	44.9511, 53.7196, 13.3151
YIQ	184.2400, 41.5010, -41.7870

Conversions

Conversions Part 2

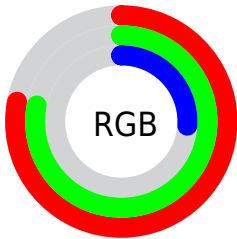
Format	Color
RYB	67, 200, 69
Decimal	13027395
CIELab	78.30, -16.90, 63.31
CIELCh	78, 65.528, 104.946
Yxy	53.7196, 0.4014, 0.4797
Android (android.graphics.Color)	4291217475 (0xFFC6C843)
YUV	184.2400, -57.7993, 12.0675
Hunter-Lab	73.2937, -18.7896, 40.5345

Details

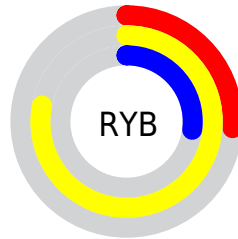
The Yxy color **53.7196, 0.4014, 0.4797** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **9.4577, 0.1861, 0.1182**, and the grayscale version is **48.3823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1851, 0.3889, 0.4549**, and **26.2205, 0.4135, 0.5099** is the 20% darker color. If you saturate the color by 10%, you get **53.4802, 0.4088, 0.4928**, and if you desaturate by 10%, it is **54.0470, 0.3915, 0.4626**.

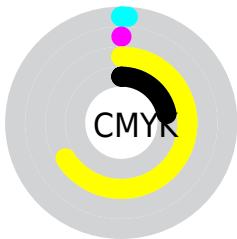
Distribution



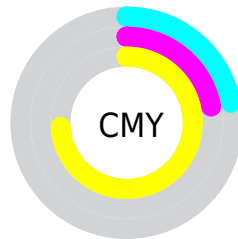
- Red (78%)
- Green (78%)
- Blue (26%)



- Red (26%)
- Yellow (78%)
- Blue (27%)



- Cyan (1%)
- Magenta (0%)
- Yellow (66%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7196, 0.4014, 0.4797 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 53.7196, 0.4014, 0.4797 by changing the saturation by 10% instead.

■ 53.7196, 0.4014,
0.4797

■ 53.7196, 0.4014,
0.4797

401.0399, 0.3637,
0.4081

■ 38.3775, 0.4079,
0.4951

■ 95.6624, 0.3897,
0.4553

■ 26.2758, 0.4145,
0.5132

■ 123.0320, 0.3847,
0.4456

■ 17.0301, 0.4202,
0.5339

■ 155.1794, 0.3802,
0.4372

■ 10.2560, 0.4270,
0.5625

■ 192.4893, 0.3762,
0.4299

■ 5.5690, 0.4185,
0.5815

■ 235.3458, 0.3726,
0.4234

■ 2.5848, 0.3977,
0.6023

284.1335, 0.3693,

■ 0.9190, 0.3338,

0.4177

0.6662

339.2367, 0.3664,
0.4127

0.0000, 0.0000,
0.0000

53.7196, 0.4014,
0.4797

53.7196, 0.4014,
0.4797

53.4802, 0.4088,
0.4928

54.0470, 0.3915,
0.4626

53.3123, 0.4137,
0.5015

54.4625, 0.3796,
0.4421

53.2069, 0.4161,
0.5062

54.9754, 0.3661,
0.4191

53.1769, 0.4166,
0.5074

55.5920, 0.3516,
0.3946

56.3179, 0.3368,
0.3696

■ 57.1583, 0.3221,
0.3447

■ 58.1181, 0.3078,
0.3207

■ 59.2019, 0.2942,
0.2979

■ 60.4141, 0.2815,
0.2767

Harmonies

Analogous

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



53.7196, 0.4627, 0.4305



53.7196, 0.4014, 0.4797



53.7196, 0.3212, 0.4857

Triad

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



53.7196, 0.4014, 0.4797



53.7196, 0.1665, 0.2519



53.7196, 0.3728, 0.2541

Complementary

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



53.7196, 0.4014, 0.4797



9.4577, 0.1861, 0.1182

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.



53.7196, 0.2840, 0.2162



53.7196, 0.4014, 0.4797



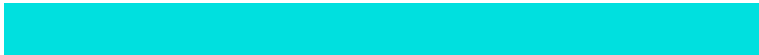
53.7196, 0.1758, 0.2103

Square

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



53.7196, 0.4014, 0.4797



53.7196, 0.1883, 0.3293



53.7196, 0.2150, 0.2002



53.7196, 0.4514, 0.3076

Rectangle

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



53.7196, 0.4014, 0.4797



53.7196, 0.2675, 0.4519



53.7196, 0.2150, 0.2002



53.7196, 0.3425, 0.2394

Sweetspot

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



53.7221, 0.4014, 0.4797



96.9913, 0.3425, 0.3791



16.7056, 0.5298, 0.3296



20.6837, 0.3467, 0.3863



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.



53.7221, 0.4014, 0.4797



92.4293, 0.4114, 0.4974



46.7498, 0.3459, 0.5145



12.4084, 0.3263, 0.3518



33.8106, 0.4167, 0.5073



1.6036, 0.4173, 0.5069

Inverse Universe

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



9.4577, 0.1861, 0.1182



10.3757, 0.1639, 0.0819



13.2189, 0.2427, 0.1446



10.2951, 0.2985, 0.3051



2.6677, 0.1506, 0.0603



0.1291, 0.1525, 0.0614

Previews

White Background



This preview shows how the Yxy color 53.7196, 0.4014, 0.4797 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 53.7196, 0.4014, 0.4797 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 53.7196, 0.4014, 0.4797

Background



This preview shows how black text looks on a background with the Yxy color 53.7196, 0.4014, 0.4797.



This preview shows how white text looks on a background with the Yxy color 53.7196, 0.4014, 0.4797.

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

53.7196, 0.4014, 0.4797

Protanopia

53.5642, 0.4226, 0.4661

Deuteranopia

53.4628, 0.4483, 0.4388



Tritanopia

53.5066, 0.3202, 0.3114

Trichromacy



Original Color

53.7196, 0.4014, 0.4797

Protanomaly

53.4285, 0.4145, 0.4710

Deuteranomaly

53.2894, 0.4308, 0.4536

Tritanomaly

53.1210, 0.3552, 0.3769

Monochromacy



Original Color

53.7196, 0.4014, 0.4797

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.5688, 0.3503, 0.3927

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7196, 0.4014, 0.4797 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, 200, 67)` looks like.

```
.text, #text, p{  
    color:rgb(198, 200, 67)  
}
```

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, 200, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 200, 67) }
```

Border

The CSS property to change the border of an element to Yxy 53.7196, 0.4014, 0.4797 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, 200, 67) }
```

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

```
.border{ border-color:rgb(198, 200, 67) }
```

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

Here you see how a box with a 4 pixel rgb(198, 200, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 200, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 200, 67);  
box-shadow:4px 4px 4px 4px rgb(198, 200,  
67) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7196, 0.4014, 0.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 200, 67) }
```

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

```
.background{ background-color: rgb(198,  
200, 67) }
```

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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