

Converting Colors

$Yxy(53.3191, 0.3840, 0.4417)$

Have a look what the booklet for
Yxy(53.3191, 0.3840, 0.4417)
contains.

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Color

Yxy(53.2113, 0.3843, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	C8C568
RGB	200, 197, 104
RGB Percent	78%, 77%, 41%
CMY	0.2159, 0.2274, 0.5922
CMYK	0.00, 0.01, 0.48, 0.22
HSL	58°, 47%, 60%
HSV	58°, 48%, 78%
XYZ	46.2754, 53.2113, 20.9281
YIQ	187.2950, 31.6410, -28.2870

Conversions

Conversions Part 2

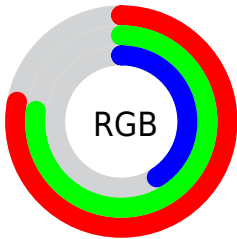
Format	Color
RYB	107, 200, 104
Decimal	13157736
CIELab	78.00, -11.83, 46.65
CIELCh	78, 48.122, 104.225
Yxy	53.2113, 0.3843, 0.4419
Android (android.graphics.Color)	4291347816 (0xFFC8C568)
YUV	187.2950, -41.0644, 11.1423
Hunter-Lab	72.9461, -14.4191, 34.0521

Details

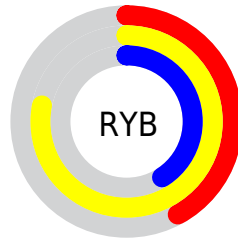
The Yxy color **53.2113, 0.3843, 0.4419** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.6134, 0.2230, 0.1837**, and the grayscale version is **50.0904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5779, 0.3709, 0.4239**, and **25.8313, 0.3994, 0.4697** is the 20% darker color. If you saturate the color by 10%, you get **52.5771, 0.3969, 0.4613**, and if you desaturate by 10%, it is **53.9479, 0.3701, 0.4199**.

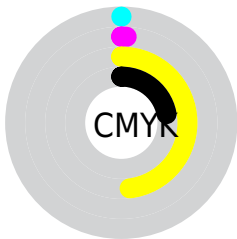
Distribution



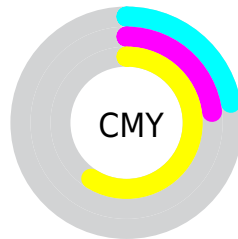
- Red (78%)
- Green (77%)
- Blue (41%)



- Red (42%)
- Yellow (78%)
- Blue (41%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (22%)





- Cyan (22%)
- Magenta (23%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2113, 0.3843, 0.4419 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 53.2113, 0.3843, 0.4419 by changing the saturation by 10% instead.


 53.2113, 0.3843,
0.4419


 53.2113, 0.3843,
0.4419


399.0953, 0.3516,
0.3870


 37.9715, 0.3911,
0.4546


 94.9152, 0.3733,
0.4226

 25.9606, 0.3991,
0.4702


 122.1481, 0.3689,
0.4151

 16.7941, 0.4080,
0.4895


 154.1475, 0.3651,
0.4087

 10.0878, 0.4172,
0.5133

 191.2977, 0.3617,
0.4032

 5.4572, 0.4342,
0.5542

233.9832, 0.3587,
0.3983

 2.5179, 0.4248,
0.5752

282.5884, 0.3561,

 0.8856, 0.3844,

0.3941

0.6156

337.4976, 0.3537,
0.3903

0.0000, 0.0000,
0.0000

53.2113, 0.3843,
0.4419

53.2113, 0.3843,
0.4419

52.5771, 0.3969,
0.4613

53.9479, 0.3701,
0.4199

52.0310, 0.4075,
0.4773

54.7857, 0.3551,
0.3963

51.5675, 0.4157,
0.4892

55.7330, 0.3397,
0.3720

51.1776, 0.4212,
0.4967

56.7949, 0.3245,
0.3478

50.8476, 0.4243,
0.5004


57.9765, 0.3098,
0.3244

 50.7840, 0.4248,
0.5009

 59.2825, 0.2959,
0.3021

 60.7171, 0.2830,
0.2813

 61.6938, 0.2763,
0.2708

 61.9813, 0.2764,
0.2715

Harmonies

Analogous

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



53.2113, 0.4281, 0.4095



53.2113, 0.3843, 0.4419



53.2113, 0.3238, 0.4416

Triad

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



53.2113, 0.3843, 0.4419



53.2113, 0.1998, 0.2745



53.2113, 0.3564, 0.2710

Complementary

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



53.2113, 0.3843, 0.4419



17.6134, 0.2230, 0.1837

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.



53.2113, 0.2909, 0.2410



53.2113, 0.3843, 0.4419



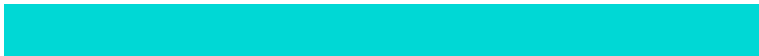
53.2113, 0.2063, 0.2395

Square

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



53.2113, 0.3843, 0.4419



53.2113, 0.2193, 0.3329



53.2113, 0.2376, 0.2293



53.2113, 0.4138, 0.3139

Rectangle

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



53.2113, 0.3843, 0.4419



53.2113, 0.2825, 0.4173



53.2113, 0.2376, 0.2293



53.2113, 0.3343, 0.2593

Sweetspot

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



53.2137, 0.3843, 0.4419



97.2153, 0.3339, 0.3628



23.2397, 0.4397, 0.3252



20.7241, 0.3373, 0.3681



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.



53.2137, 0.3843, 0.4419



90.9900, 0.3979, 0.4628



49.2733, 0.3441, 0.4620



12.3592, 0.3266, 0.3511



32.3318, 0.4247, 0.5010



1.5488, 0.4235, 0.5020

Inverse Universe

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



17.6134, 0.2230, 0.1837



21.8579, 0.2005, 0.1467



20.4377, 0.2634, 0.1942



10.3386, 0.2983, 0.3059



2.7599, 0.1506, 0.0622



0.1493, 0.1528, 0.0700

Previews

White Background



This preview shows how the Yxy color 53.2113, 0.3843, 0.4419 looks on a white background.

Color Contrast Check

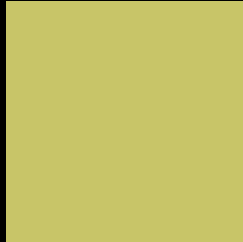
Large Text (above 18pt) WCAG AA × Fail

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 53.2113, 0.3843, 0.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

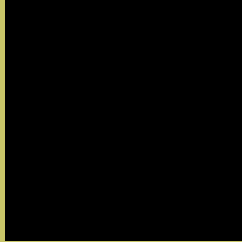
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2113, 0.3843, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 53.2113, 0.3843, 0.4419.



This preview shows how white text looks on a background with the Yxy color 53.2113, 0.3843, 0.4419.

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

53.2113, 0.3843, 0.4419

Protanopia

53.1162, 0.3979, 0.4343

Deuteranopia

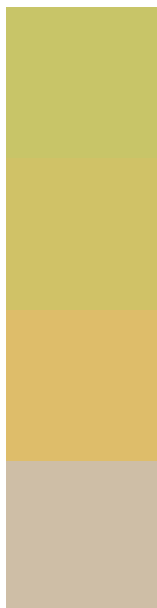
53.0047, 0.4211, 0.4130



Tritanopia

53.0365, 0.3210, 0.3114

Trichromacy



Original Color

53.2113, 0.3843, 0.4419

Protanomaly

52.9727, 0.3938, 0.4368

Deuteranomaly

52.9654, 0.4072, 0.4235

Tritanomaly

52.7019, 0.3452, 0.3585

Monochromacy



Original Color

53.2113, 0.3843, 0.4419

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.9024, 0.3400, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2113, 0.3843, 0.4419 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(200, 197, 104)` looks like.

```
.text, #text, p{  
    color:rgb(200, 197, 104)  
}
```

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(200, 197, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 197, 104) }
```

Border

The CSS property to change the border of an element to Yxy 53.2113, 0.3843, 0.4419 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(200, 197, 104) }
```

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

```
.border{ border-color:rgb(200, 197, 104) }
```

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

Here you see how a box with a 4 pixel rgb(200, 197, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 197, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 197, 104);  
box-shadow:4px 4px 4px 4px rgb(200, 197,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2113, 0.3843, 0.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 197, 104) }
```

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

```
.background{ background-color: rgb(200,  
197, 104) }
```

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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