

Converting Colors

$Y_{xy}(52.8297, 0.3416, 0.3821)$

Have a look what the booklet for
Yxy(52.8297, 0.3416, 0.3821)
contains.

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Color

Yxy(53.0194, 0.3412, 0.3824)

Conversions

Conversions Part 1

Format	Color
Hex	C0C49A
RGB	192, 196, 154
RGB Percent	75%, 77%, 60%
CMY	0.2472, 0.2313, 0.3960
CMYK	0.02, 0.00, 0.21, 0.23
HSL	66°, 26%, 69%
HSV	66°, 21%, 77%
XYZ	47.3071, 53.0194, 38.3226
YIQ	190.0160, 11.0980, -13.9100

Conversions

Conversions Part 2

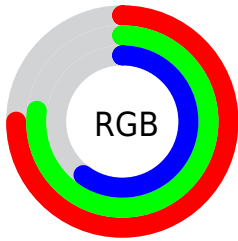
Format	Color
RYB	154, 196, 158
Decimal	12633242
CIELab	77.89, -8.44, 20.66
CIELCh	78, 22.320, 112.207
Yxy	53.0194, 0.3412, 0.3824
Android (android.graphics.Color)	4290823322 (0xFFC0C49A)
YUV	190.0160, -17.7559, 1.7400
Hunter-Lab	72.8144, -11.4549, 19.7655

Details

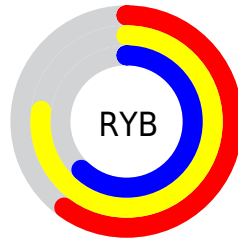
The Yxy color **53.0194, 0.3412, 0.3824** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.3813, 0.2806, 0.2707**, and the grayscale version is **51.6015, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.9937, 0.3363, 0.3728**, and **25.7285, 0.3481, 0.3962** is the 20% darker color. If you saturate the color by 10%, you get **52.1763, 0.3544, 0.4079**, and if you desaturate by 10%, it is **53.9770, 0.3278, 0.3570**.

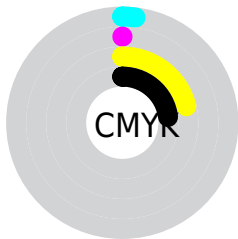
Distribution



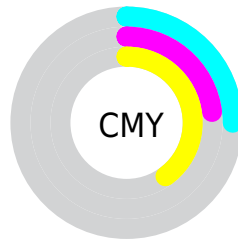
- Red (75%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)





- Cyan (25%)
- Magenta (23%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0194, 0.3412, 0.3824 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 53.0194, 0.3412, 0.3824 by changing the saturation by 10% instead.

 53.0194, 0.3412,
0.3824


 53.0194, 0.3412,
0.3824


398.3595, 0.3276,
0.3559

 37.8183, 0.3444,
0.3889


 94.6329, 0.3364,
0.3728

 25.8417, 0.3484,
0.3973


 121.8141, 0.3345,
0.3692

 16.7052, 0.3534,
0.4082


153.7574, 0.3330,
0.3661

 10.0245, 0.3600,
0.4233

190.8472, 0.3316,
0.3635

 5.4152, 0.3689,
0.4450

233.4679, 0.3304,
0.3612

 2.4929, 0.3822,
0.4807

282.0039, 0.3293,

 0.8731, 0.4168,

0.3592

0.5832

336.8397, 0.3284,
0.3575

0.0000, 0.0000,
0.0000

53.0194, 0.3412,
0.3824

53.0194, 0.3412,
0.3824

52.1763, 0.3544,
0.4079

53.9770, 0.3278,
0.3570

51.4355, 0.3670,
0.4328

55.0469, 0.3146,
0.3324

50.7938, 0.3783,
0.4560

56.2359, 0.3018,
0.3091

50.2449, 0.3879,
0.4764

57.5484, 0.2898,
0.2873

49.7820, 0.3952,
0.4933

58.9885, 0.2786,
0.2672

■ 49.3972, 0.3999,
0.5060

■ 59.4419, 0.2781,
0.2645

■ 49.0813, 0.4022,
0.5143

■ 59.7088, 0.2794,
0.2647

■ 48.8500, 0.4025,
0.5186

■ 59.9789, 0.2807,
0.2650

■ 60.2523, 0.2820,
0.2652

Harmonies

Analogous

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



53.0194, 0.3637, 0.3741



53.0194, 0.3412, 0.3824



53.0194, 0.3118, 0.3750

Triad

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



53.0194, 0.3412, 0.3824



53.0194, 0.2565, 0.2992



53.0194, 0.3414, 0.3062

Complementary

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



53.0194, 0.3412, 0.3824



34.3813, 0.2806, 0.2707

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.



53.0194, 0.3114, 0.2883



53.0194, 0.3412, 0.3824



53.0194, 0.2634, 0.2834

Square

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



53.0194, 0.3412, 0.3824



53.0194, 0.2637, 0.3246



53.0194, 0.2830, 0.2799



53.0194, 0.3641, 0.3299

Rectangle

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



53.0194, 0.3412, 0.3824



53.0194, 0.2923, 0.3616



53.0194, 0.2830, 0.2799



53.0194, 0.3317, 0.2994

Sweetspot

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



53.0217, 0.3412, 0.3824



98.7753, 0.3207, 0.3438



38.3630, 0.3545, 0.3337



21.1145, 0.3216, 0.3454



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.



53.0217, 0.3412, 0.3824



95.2513, 0.3479, 0.3952



50.5354, 0.3240, 0.3854



11.7075, 0.3250, 0.3519



31.4049, 0.4027, 0.5184



1.3715, 0.4067, 0.5153

Inverse Universe

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



34.3813, 0.2806, 0.2707



55.0989, 0.2719, 0.2551



36.6319, 0.2989, 0.2737



9.7933, 0.2998, 0.3053



2.6663, 0.1537, 0.0620



0.1312, 0.1661, 0.0688

Previews

White Background



This preview shows how the Yxy color 53.0194, 0.3412, 0.3824 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 53.0194, 0.3412, 0.3824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

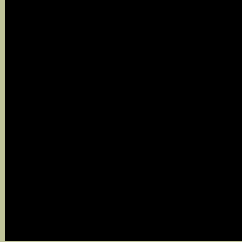
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

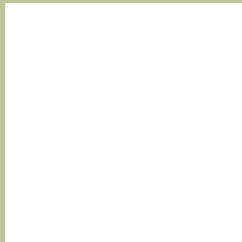
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.0194, 0.3412, 0.3824

Background



This preview shows how black text looks on a background with the Yxy color 53.0194, 0.3412, 0.3824.



This preview shows how white text looks on a background with the Yxy color 53.0194, 0.3412, 0.3824.

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

53.0194, 0.3412, 0.3824

Protanopia

52.9454, 0.3551, 0.3783

Deuteranopia

52.7862, 0.3700, 0.3631



Tritanopia

52.8969, 0.3095, 0.3110

Trichromacy



Original Color

53.0194, 0.3412, 0.3824

Protanomaly

52.7192, 0.3497, 0.3790

Deuteranomaly

52.7588, 0.3597, 0.3702

Tritanomaly

52.9802, 0.3205, 0.3364

Monochromacy



Original Color

53.0194, 0.3412, 0.3824

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9500, 0.3233, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0194, 0.3412, 0.3824 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(192, 196, 154)` looks like.

```
.text, #text, p{  
    color:rgb(192, 196, 154)  
}
```

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(192, 196, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 196, 154) }
```

Border

The CSS property to change the border of an element to Yxy 53.0194, 0.3412, 0.3824 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(192, 196, 154) }
```

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

```
.border{ border-color:rgb(192, 196, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 196, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 196, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 196, 154);  
box-shadow:4px 4px 4px 4px rgb(192, 196,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0194, 0.3412, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 196, 154) }
```

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

```
.background{ background-color: rgb(192,  
196, 154) }
```

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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