

Converting Colors

Yxy(52.4807, 0.3117, 0.3803)

Have a look what the booklet for
Yxy(52.4807, 0.3117, 0.3803)
contains.

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Color

Yxy(52.4170, 0.3119, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	A5C9A3
RGB	165, 201, 163
RGB Percent	65%, 79%, 64%
CMY	0.3527, 0.2118, 0.3608
CMYK	0.18, 0.00, 0.19, 0.21
HSL	117°, 26%, 71%
HSV	117°, 19%, 79%
XYZ	43.0233, 52.4170, 42.4992
YIQ	185.9040, -9.2580, -19.4500

Conversions

Conversions Part 2

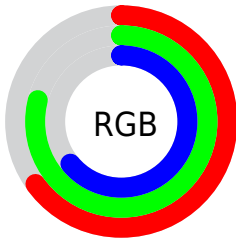
Format	Color
RYB	163, 201, 199
Decimal	10865059
CIELab	77.53, -19.24, 15.10
CIELCh	78, 24.453, 141.881
Yxy	52.4170, 0.3119, 0.3800
Android (android.graphics.Color)	4289055139 (0xFFA5C9A3)
YUV	185.9040, -11.2917, -18.3328
Hunter-Lab	72.3996, -20.6260, 15.8760

Details

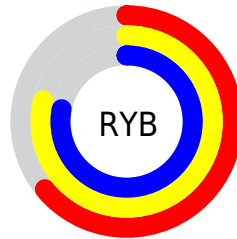
The Yxy color **52.4170, 0.3119, 0.3800** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.5436, 0.3130, 0.2823**, and the grayscale version is **49.1212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7976, 0.3121, 0.3677**, and **25.5258, 0.3116, 0.3955** is the 20% darker color. If you saturate the color by 10%, you get **49.8649, 0.3112, 0.4116**, and if you desaturate by 10%, it is **55.3911, 0.3124, 0.3515**.

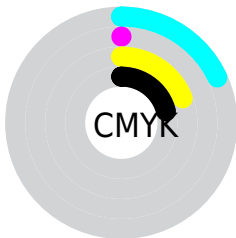
Distribution



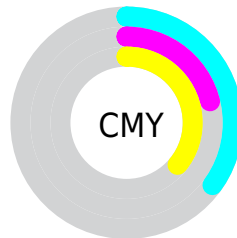
- Red (65%)
- Green (79%)
- Blue (64%)



- Red (64%)
- Yellow (79%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (19%)
- Black (21%)





- Cyan (35%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4170, 0.3119, 0.3800 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 52.4170, 0.3119, 0.3800 by changing the saturation by 10% instead.


 52.4170, 0.3119,
0.3800

 52.4170, 0.3119,
0.3800


396.0444, 0.3127,
0.3542

 37.3376, 0.3116,
0.3865


 93.7459, 0.3123,
0.3706

 25.4690, 0.3111,
0.3949


 120.7642, 0.3124,
0.3670

 16.4268, 0.3103,
0.4062

152.5309, 0.3125,
0.3641

 9.8267, 0.3090,
0.4221

189.4304, 0.3126,
0.3615

 5.2842, 0.3064,
0.4460

231.8471, 0.3126,
0.3593

 2.4149, 0.3008,
0.4858

280.1654, 0.3126,

 0.8336, 0.2791,

0.3574

0.7209

334.7697, 0.3127,
0.3557

0.0000, 0.0000,
0.0000

52.4170, 0.3119,
0.3800

52.4170, 0.3119,
0.3800

49.8649, 0.3112,
0.4116

55.3911, 0.3124,
0.3515

47.7094, 0.3102,
0.4457

58.7980, 0.3127,
0.3264

45.9326, 0.3090,
0.4810

62.6564, 0.3129,
0.3045

44.5125, 0.3075,
0.5154

66.9822, 0.3130,
0.2855

43.4251, 0.3058,
0.5466

70.2493, 0.3152,
0.2762

■ 42.6432, 0.3040,
0.5718

■ 42.1353, 0.3024,
0.5891

■ 41.8595, 0.3011,
0.5984

■ 41.8397, 0.3010,
0.5992

Harmonies

Analogous

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



52.4170, 0.3442, 0.3879



52.4170, 0.3119, 0.3800



52.4170, 0.2809, 0.3559

Triad

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



52.4170, 0.3119, 0.3800



52.4170, 0.2585, 0.2791



52.4170, 0.3691, 0.3295

Complementary

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



52.4170, 0.3119, 0.3800



42.5436, 0.3130, 0.2823

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.



52.4170, 0.3439, 0.3037



52.4170, 0.3119, 0.3800



52.4170, 0.2798, 0.2753

Square

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



52.4170, 0.3119, 0.3800



52.4170, 0.2512, 0.2963



52.4170, 0.3108, 0.2843



52.4170, 0.3783, 0.3565

Rectangle

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



52.4170, 0.3119, 0.3800



52.4170, 0.2650, 0.3350



52.4170, 0.3108, 0.2843



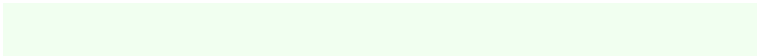
52.4170, 0.3622, 0.3205

Sweetspot

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



52.4192, 0.3119, 0.3800



96.4115, 0.3125, 0.3441



55.6588, 0.3414, 0.3727



20.5560, 0.3125, 0.3458



0.0000, 0.0000, 0.0000



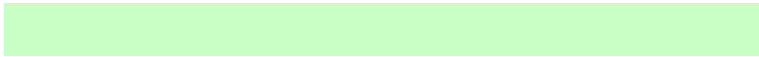
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.4192, 0.3119, 0.3800



87.7361, 0.3116, 0.3936



52.8292, 0.2989, 0.3575



11.9148, 0.3124, 0.3528



26.3226, 0.3013, 0.5989



1.2562, 0.3061, 0.5952

Inverse Universe

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



42.5436, 0.3130, 0.2823



67.5199, 0.3130, 0.2712



42.0934, 0.3294, 0.3021



10.7862, 0.3129, 0.3062



9.5563, 0.3075, 0.1468



0.4616, 0.3105, 0.1484

Previews

White Background



This preview shows how the Yxy color 52.4170, 0.3119, 0.3800 looks on a white background.

Color Contrast Check

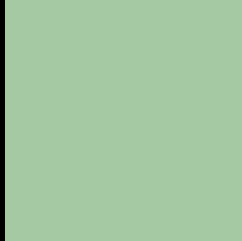
Large Text (above 18pt) WCAG AA × Fail

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 52.4170, 0.3119, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

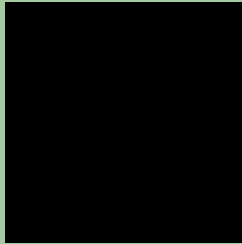
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4170, 0.3119, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 52.4170, 0.3119, 0.3800.



This preview shows how white text looks on a background with the Yxy color 52.4170, 0.3119, 0.3800.

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

52.4170, 0.3119, 0.3800

Protanopia

52.2868, 0.3479, 0.3701

Deuteranopia

51.9764, 0.3564, 0.3493



Tritanopia

52.5676, 0.2854, 0.3101

Trichromacy



Original Color

52.4170, 0.3119, 0.3800

Protanomaly

52.3871, 0.3343, 0.3738

Deuteranomaly

51.7222, 0.3391, 0.3590

Tritanomaly

52.3288, 0.2948, 0.3341

Monochromacy



Original Color

52.4170, 0.3119, 0.3800

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.9409, 0.3119, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4170, 0.3119, 0.3800 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(165, 201, 163)` looks like.

```
.text, #text, p{  
    color:rgb(165, 201, 163)  
}
```

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(165, 201, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 201, 163) }
```

Border

The CSS property to change the border of an element to Yxy 52.4170, 0.3119, 0.3800 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(165, 201, 163) }
```

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

```
.border{ border-color:rgb(165, 201, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 201, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 201, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 201, 163);  
box-shadow:4px 4px 4px 4px rgb(165, 201,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4170, 0.3119, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 201, 163) }
```

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

```
.background{ background-color: rgb(165,  
201, 163) }
```

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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