

Converting Colors

Yxy(52.1720, 0.3419, 0.4052)

Have a look what the booklet for
Yxy(52.1720, 0.3419, 0.4052)
contains.

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Color

Yxy(52.1054, 0.3419, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	B5C68C
RGB	181, 198, 140
RGB Percent	71%, 78%, 55%
CMY	0.2903, 0.2235, 0.4511
CMYK	0.09, 0.00, 0.29, 0.22
HSL	78°, 34%, 66%
HSV	78°, 29%, 78%
XYZ	43.9764, 52.1054, 32.5418
YIQ	186.3050, 8.4860, -21.6420

Conversions

Conversions Part 2

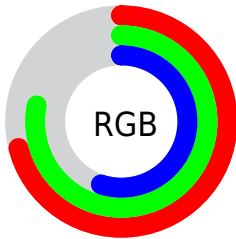
Format	Color
RYB	140, 198, 157
Decimal	11912844
CIELab	77.34, -15.62, 27.22
CIELCh	77, 31.385, 119.855
Yxy	52.1054, 0.3419, 0.4051
Android (android.graphics.Color)	4290102924 (0xFFB5C68C)
YUV	186.3050, -22.8284, -4.6525
Hunter-Lab	72.1841, -17.5753, 23.7999

Details

The Yxy color **52.1054, 0.3419, 0.4051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9991, 0.2768, 0.2480**, and the grayscale version is **49.4070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4196, 0.3370, 0.3914**, and **25.1798, 0.3483, 0.4272** is the 20% darker color. If you saturate the color by 10%, you get **50.8868, 0.3511, 0.4325**, and if you desaturate by 10%, it is **53.4631, 0.3321, 0.3780**.

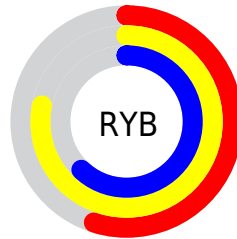
Distribution



Red (71%)

Green (78%)

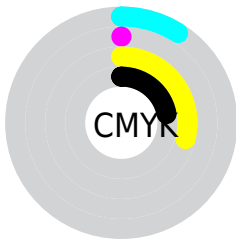
Blue (55%)



Red (55%)

Yellow (78%)

Blue (62%)

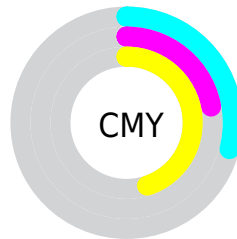


Cyan (9%)

Magenta (0%)

Yellow (29%)

Black (22%)



Cyan (29%)


Magenta (22%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1054, 0.3419, 0.4051 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 52.1054, 0.3419, 0.4051 by changing the saturation by 10% instead.

 52.1054, 0.3419,
0.4051


 52.1054, 0.3419,
0.4051


394.8434, 0.3284,
0.3668


 37.0891, 0.3449,
0.4147


 93.2867, 0.3373,
0.3912

 25.2765, 0.3485,
0.4269


 120.2204, 0.3354,
0.3859

 16.2832, 0.3529,
0.4430


 151.8954, 0.3338,
0.3815

 9.7247, 0.3580,
0.4652

188.6961, 0.3325,
0.3777

 5.2168, 0.3637,
0.4972

231.0069, 0.3313,
0.3744

 2.3750, 0.3841,
0.5708

279.2120, 0.3302,

 0.8130, 0.3249,

0.3716

0.6751

333.6961, 0.3292,
0.3690

0.0000, 0.0000,
0.0000

52.1054, 0.3419,
0.4051

52.1054, 0.3419,
0.4051

50.8868, 0.3511,
0.4325

53.4631, 0.3321,
0.3780

49.7943, 0.3591,
0.4591

54.9585, 0.3220,
0.3519

48.8238, 0.3655,
0.4840

56.5992, 0.3120,
0.3274

47.9681, 0.3698,
0.5058

58.3901, 0.3024,
0.3046

47.2189, 0.3717,
0.5236

60.3358, 0.2932,
0.2836

■ 46.5667, 0.3711,
0.5366

■ 62.1943, 0.2870,
0.2683

■ 45.9950, 0.3683,
0.5454

■ 63.0954, 0.2911,
0.2690

■ 45.9570, 0.3681,
0.5459

■ 64.0282, 0.2952,
0.2697

■ 64.9930, 0.2994,
0.2705

Harmonies

Analogous

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



52.1054, 0.3775, 0.3970



52.1054, 0.3419, 0.4051



52.1054, 0.2999, 0.3891

Triad

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



52.1054, 0.3419, 0.4051



52.1054, 0.2354, 0.2793



52.1054, 0.3629, 0.3048

Complementary

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



52.1054, 0.3419, 0.4051



29.9991, 0.2768, 0.2480

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.



52.1054, 0.3214, 0.2780



52.1054, 0.3419, 0.4051



52.1054, 0.2494, 0.2626

Square

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



52.1054, 0.3419, 0.4051



52.1054, 0.2401, 0.3117



52.1054, 0.2800, 0.2628



52.1054, 0.3910, 0.3380

Rectangle

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



52.1054, 0.3419, 0.4051



52.1054, 0.2741, 0.3665



52.1054, 0.2800, 0.2628



52.1054, 0.3499, 0.2948

Sweetspot

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



52.1077, 0.3419, 0.4051



97.3526, 0.3218, 0.3515



37.8198, 0.3709, 0.3508



20.7502, 0.3233, 0.3553



0.0000, 0.0000, 0.0000



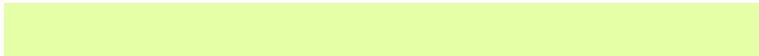
21.4041, 0.3127, 0.3290

Same Dimension

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



52.1077, 0.3419, 0.4051



90.8859, 0.3477, 0.4221



49.0171, 0.3185, 0.4110



12.2545, 0.3221, 0.3521



29.9276, 0.3688, 0.5454



1.4530, 0.3797, 0.5367

Inverse Universe

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



29.9991, 0.2768, 0.2480



45.6042, 0.2674, 0.2285



33.1973, 0.3038, 0.2541



10.4359, 0.3028, 0.3054



3.2786, 0.1702, 0.0711



0.1933, 0.1938, 0.0841

Previews

White Background



This preview shows how the Yxy color 52.1054, 0.3419, 0.4051 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 52.1054, 0.3419, 0.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

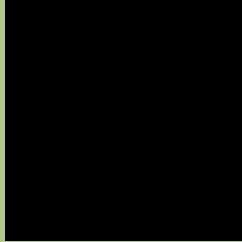
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1054, 0.3419, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 52.1054, 0.3419, 0.4051.



This preview shows how white text looks on a background with the Yxy color 52.1054, 0.3419, 0.4051.

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

52.1054, 0.3419, 0.4051

Protanopia

52.0469, 0.3674, 0.3957

Deuteranopia

51.8577, 0.3836, 0.3758



Tritanopia

52.1818, 0.3016, 0.3106

Trichromacy



Original Color

52.1054, 0.3419, 0.4051

Protanomaly

52.1543, 0.3576, 0.3998

Deuteranomaly

51.4747, 0.3680, 0.3854

Tritanomaly

52.0409, 0.3169, 0.3442

Monochromacy



Original Color

52.1054, 0.3419, 0.4051

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.8818, 0.3239, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1054, 0.3419, 0.4051 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(181, 198, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 140)  
}
```

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(181, 198, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.1054, 0.3419, 0.4051 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(181, 198, 140) }
```

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

```
.border{ border-color:rgb(181, 198, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 198, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1054, 0.3419, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 198, 140) }
```

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

```
.background{ background-color: rgb(181,  
198, 140) }
```

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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