

Converting Colors

Yxy(52.6061, 0.3215, 0.3568)

Have a look what the booklet for
Yxy(52.6061, 0.3215, 0.3568)
contains.

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Color

Yxy(52.4864, 0.3219, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	BAC3AD
RGB	186, 195, 173
RGB Percent	73%, 76%, 68%
CMY	0.2705, 0.2353, 0.3215
CMYK	0.05, 0.00, 0.11, 0.24
HSL	84°, 15%, 72%
HSV	84°, 11%, 76%
XYZ	47.3127, 52.4864, 47.1804
YIQ	189.8010, 1.6980, -8.7500

Conversions

Conversions Part 2

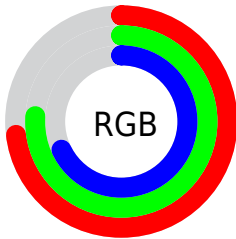
Format	Color
R _Y B	173, 195, 182
Decimal	12239789
CIE Lab	77.57, -7.06, 9.99
CIE LCh	78, 12.229, 125.260
Yxy	52.4864, 0.3219, 0.3571
Android (android.graphics.Color)	4290429869 (0xFFBAC3AD)
YUV	189.8010, -8.2829, -3.3335
Hunter-Lab	72.4475, -10.2115, 12.1015

Details

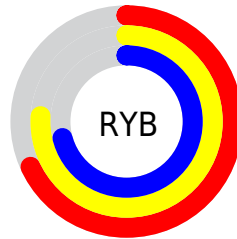
The Yxy color **52.4864, 0.3219, 0.3571** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.7779, 0.3028, 0.3006**, and the grayscale version is **51.4233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0995, 0.3205, 0.3530**, and **25.4168, 0.3242, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **50.8181, 0.3300, 0.3839**, and if you desaturate by 10%, it is **54.3250, 0.3137, 0.3320**.

Distribution



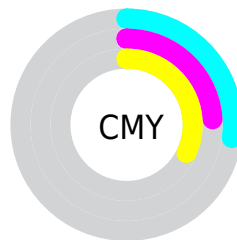
- Red (73%)
- Green (76%)
- Blue (68%)



- Red (68%)
- Yellow (76%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)





- Cyan (27%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4864, 0.3219, 0.3571 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 52.4864, 0.3219, 0.3571 by changing the saturation by 10% instead.


 52.4864, 0.3219,
0.3571

 52.4864, 0.3219,
0.3571


396.3115, 0.3175,
0.3431

 37.3929, 0.3229,
0.3606


 93.8482, 0.3203,
0.3520

 25.5119, 0.3243,
0.3650


120.8853, 0.3197,
0.3501

 16.4588, 0.3259,
0.3709


152.6724, 0.3192,
0.3485

 9.8494, 0.3282,
0.3790

189.5938, 0.3188,
0.3471

 5.2992, 0.3313,
0.3911

232.0341, 0.3184,
0.3459

 2.4239, 0.3360,
0.4107


280.3775, 0.3181,

 0.8381, 0.3723,


0.3449


0.4998


335.0085, 0.3178,
0.3440

 0.0000, 0.0000,
0.0000

 52.4864, 0.3219,
0.3571


 52.4864, 0.3219,
0.3571


 50.8181, 0.3300,
0.3839

 54.3250, 0.3137,
0.3320


 49.3077, 0.3377,
0.4120


 56.3324, 0.3058,
0.3090

 47.9514, 0.3447,
0.4407

 58.5159, 0.2981,
0.2880

 46.7427, 0.3505,
0.4689

 60.8805, 0.2909,
0.2691

 45.6746, 0.3546,
0.4953

 62.3907, 0.2940,
0.2663

■ 44.7393, 0.3565,
0.5187

■ 63.7066, 0.2998,
0.2674

■ 43.9282, 0.3562,
0.5378

■ 65.0832, 0.3056,
0.2684

■ 43.2309, 0.3535,
0.5519

■ 66.5210, 0.3115,
0.2695

■ 42.6994, 0.3497,
0.5606

■ 67.5090, 0.3155,
0.2703

Harmonies

Analogous

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



52.4864, 0.3363, 0.3568



52.4864, 0.3219, 0.3571



52.4864, 0.3054, 0.3493

Triad

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



52.4864, 0.3219, 0.3571



52.4864, 0.2820, 0.3082



52.4864, 0.3346, 0.3220

Complementary

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



52.4864, 0.3219, 0.3571



43.7779, 0.3028, 0.3006

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.



52.4864, 0.3196, 0.3099



52.4864, 0.3219, 0.3571



52.4864, 0.2893, 0.3019

Square

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



52.4864, 0.3219, 0.3571



52.4864, 0.2826, 0.3205



52.4864, 0.3029, 0.3026



52.4864, 0.3438, 0.3361

Rectangle

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



52.4864, 0.3219, 0.3571



52.4864, 0.2953, 0.3407



52.4864, 0.3029, 0.3026



52.4864, 0.3301, 0.3176

Sweetspot

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



52.4887, 0.3219, 0.3571



96.6943, 0.3152, 0.3364



47.9974, 0.3313, 0.3402



21.1148, 0.3158, 0.3384



0.0000, 0.0000, 0.0000



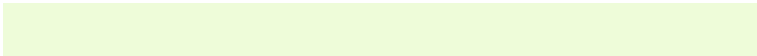
21.4041, 0.3127, 0.3290

Same Dimension

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



52.4887, 0.3219, 0.3571



93.0995, 0.3243, 0.3648



51.1857, 0.3131, 0.3579



11.5467, 0.3203, 0.3522



27.8034, 0.3506, 0.5599



1.2408, 0.3658, 0.5477

Inverse Universe

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



43.7779, 0.3028, 0.3006



73.8163, 0.2999, 0.2927



45.1449, 0.3121, 0.3014



9.9443, 0.3046, 0.3056



3.7051, 0.1868, 0.0803



0.2003, 0.2130, 0.0947

Previews

White Background



This preview shows how the Yxy color 52.4864, 0.3219, 0.3571 looks on a white background.

Color Contrast Check

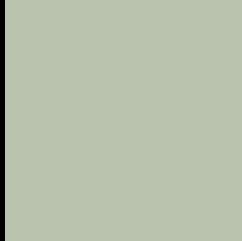
Large Text (above 18pt) WCAG AA × Fail

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 52.4864, 0.3219, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

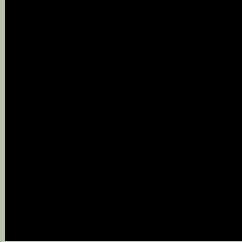
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

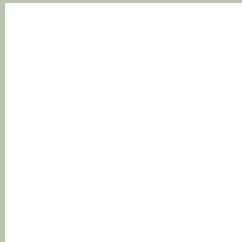
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.4864, 0.3219, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 52.4864, 0.3219, 0.3571.



This preview shows how white text looks on a background with the Yxy color 52.4864, 0.3219, 0.3571.

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

52.4864, 0.3219, 0.3571

Protanopia

52.4812, 0.3358, 0.3538

Deuteranopia

52.3920, 0.3476, 0.3410



Tritanopia

52.3111, 0.3024, 0.3106

Trichromacy



Original Color

52.4864, 0.3219, 0.3571

Protanomaly

52.2799, 0.3306, 0.3541

Deuteranomaly

52.4303, 0.3380, 0.3474

Tritanomaly

52.3683, 0.3096, 0.3277

Monochromacy



Original Color

52.4864, 0.3219, 0.3571

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.9788, 0.3163, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4864, 0.3219, 0.3571 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(186, 195, 173)` looks like.

```
.text, #text, p{  
    color:rgb(186, 195, 173)  
}
```

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(186, 195, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 195, 173) }
```

Border

The CSS property to change the border of an element to Yxy 52.4864, 0.3219, 0.3571 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(186, 195, 173) }
```

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

```
.border{ border-color:rgb(186, 195, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 195, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 195, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 195, 173);  
box-shadow:4px 4px 4px 4px rgb(186, 195,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4864, 0.3219, 0.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 195, 173) }
```

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

```
.background{ background-color: rgb(186,  
195, 173) }
```

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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