

Converting Colors

$Yxy(52.4395, 0.3279, 0.3798)$

Have a look what the booklet for
Yxy(52.4395, 0.3279, 0.3798)
contains.

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Color

Yxy(52.7151, 0.3279, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	B5C69F
RGB	181, 198, 159
RGB Percent	71%, 78%, 62%
CMY	0.2901, 0.2235, 0.3765
CMYK	0.09, 0.00, 0.20, 0.22
HSL	86°, 25%, 70%
HSV	86°, 20%, 78%
XYZ	45.5115, 52.7151, 40.5704
YIQ	188.4710, 2.3870, -15.7330

Conversions

Conversions Part 2

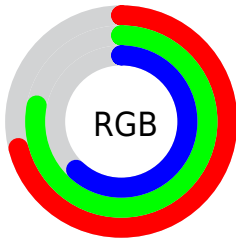
Format	Color
RYB	159, 198, 176
Decimal	11912863
CIELab	77.71, -12.74, 17.65
CIELCh	78, 21.763, 125.825
Yxy	52.7151, 0.3279, 0.3798
Android (android.graphics.Color)	4290102943 (0xFFB5C69F)
YUV	188.4710, -14.5292, -6.5521
Hunter-Lab	72.6052, -15.1688, 17.6935

Details

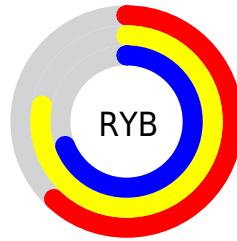
The Yxy color **52.7151, 0.3279, 0.3798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0942, 0.2950, 0.2776**, and the grayscale version is **50.6573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3796, 0.3252, 0.3706**, and **25.5972, 0.3320, 0.3948** is the 20% darker color. If you saturate the color by 10%, you get **51.0746, 0.3353, 0.4080**, and if you desaturate by 10%, it is **54.5347, 0.3202, 0.3531**.

Distribution



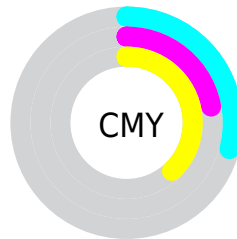
- Red (71%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (29%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7151, 0.3279, 0.3798 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 52.7151, 0.3279, 0.3798 by changing the saturation by 10% instead.


 52.7151, 0.3279,
0.3798

 52.7151, 0.3279,
0.3798

397.1911, 0.3208,
0.3543

 37.5754, 0.3295,
0.3862


 94.1850, 0.3254,
0.3705

 25.6533, 0.3315,
0.3943


 121.2840, 0.3245,
0.3671

 16.5645, 0.3340,
0.4052


153.1382, 0.3236,
0.3641

 9.9244, 0.3371,
0.4203

190.1320, 0.3229,
0.3616

 5.3489, 0.3410,
0.4426

232.6498, 0.3223,
0.3594

 2.4534, 0.3455,
0.4787

281.0760, 0.3217,

 0.8532, 0.3695,

0.3575

0.6305

335.7950, 0.3212,
0.3558

0.0000, 0.0000,
0.0000

52.7151, 0.3279,
0.3798

52.7151, 0.3279,
0.3798

51.0746, 0.3353,
0.4080

54.5347, 0.3202,
0.3531

49.6000, 0.3419,
0.4369

56.5325, 0.3125,
0.3283

48.2866, 0.3475,
0.4657


58.7164, 0.3049,
0.3056

47.1271, 0.3514,
0.4930


61.0920, 0.2977,
0.2850

46.1133, 0.3533,
0.5175


63.4705, 0.2928,
0.2693

 45.2361, 0.3529,
0.5378


 64.8828, 0.2990,
0.2704

 44.4849, 0.3502,
0.5530

 66.3658, 0.3053,
0.2715

 43.8412, 0.3457,
0.5635

 67.9205, 0.3116,
0.2726

 43.8231, 0.3456,
0.5638

 68.8677, 0.3153,
0.2732

Harmonies

Analogous

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



52.7151, 0.3539, 0.3785



52.7151, 0.3279, 0.3798



52.7151, 0.2987, 0.3656

Triad

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



52.7151, 0.3279, 0.3798



52.7151, 0.2591, 0.2915



52.7151, 0.3522, 0.3168

Complementary

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



52.7151, 0.3279, 0.3798



38.0942, 0.2950, 0.2776

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.



52.7151, 0.3251, 0.2961



52.7151, 0.3279, 0.3798



52.7151, 0.2718, 0.2814

Square

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



52.7151, 0.3279, 0.3798



52.7151, 0.2599, 0.3126



52.7151, 0.2956, 0.2833



52.7151, 0.3686, 0.3411

Rectangle

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



52.7151, 0.3279, 0.3798



52.7151, 0.2813, 0.3494



52.7151, 0.2956, 0.2833



52.7151, 0.3440, 0.3093

Sweetspot

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



52.7174, 0.3279, 0.3798



97.8128, 0.3174, 0.3439



45.5167, 0.3471, 0.3507



20.8866, 0.3179, 0.3456



0.0000, 0.0000, 0.0000



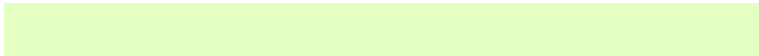
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7174, 0.3279, 0.3798



91.9613, 0.3314, 0.3928



50.5287, 0.3122, 0.3823



12.1785, 0.3200, 0.3523



28.5510, 0.3465, 0.5631



1.3942, 0.3613, 0.5513

Inverse Universe

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



38.0942, 0.2950, 0.2776



60.9968, 0.2901, 0.2643



40.5241, 0.3126, 0.2803



10.5094, 0.3049, 0.3056



3.9912, 0.1913, 0.0827



0.2316, 0.2153, 0.0960

Previews

White Background



This preview shows how the Yxy color 52.7151, 0.3279, 0.3798 looks on a white background.

Color Contrast Check

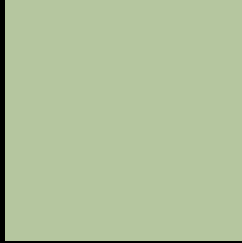
Large Text (above 18pt) WCAG AA × Fail

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 52.7151, 0.3279, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

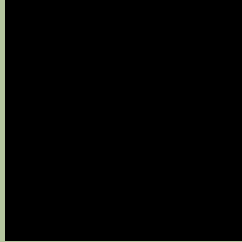
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7151, 0.3279, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 52.7151, 0.3279, 0.3798.



This preview shows how white text looks on a background with the Yxy color 52.7151, 0.3279, 0.3798.

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

52.7151, 0.3279, 0.3798

Protanopia

52.3584, 0.3504, 0.3724

Deuteranopia

52.2618, 0.3633, 0.3551



Tritanopia

52.4580, 0.2986, 0.3093

Trichromacy



Original Color

52.7151, 0.3279, 0.3798

Protanomaly

52.6200, 0.3419, 0.3758

Deuteranomaly

52.0902, 0.3495, 0.3635

Tritanomaly

52.6156, 0.3085, 0.3340

Monochromacy



Original Color

52.7151, 0.3279, 0.3798

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.1879, 0.3183, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7151, 0.3279, 0.3798 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(181, 198, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 198, 159) }
```

Border

The CSS property to change the border of an element to Yxy 52.7151, 0.3279, 0.3798 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, 159) }
```

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

```
.border{ border-color:rgb(181, 198, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 198, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 198, 159);  
box-shadow:4px 4px 4px 4px rgb(181, 198,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7151, 0.3279, 0.3798 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, 159) }
```

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

```
.background{ background-color: rgb(181,  
198, 159) }
```

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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