

Converting Colors

$Yxy(53.7023, 0.3315, 0.3801)$

Have a look what the booklet for
Yxy(53.7023, 0.3315, 0.3801)
contains.

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Color

Yxy(53.7892, 0.3318, 0.3803)

Conversions

Conversions Part 1

Format	Color
Hex	BAC79F
RGB	186, 199, 159
RGB Percent	73%, 78%, 62%
CMY	0.2707, 0.2196, 0.3764
CMYK	0.07, 0.00, 0.20, 0.22
HSL	80°, 26%, 70%
HSV	80°, 20%, 78%
XYZ	46.9294, 53.7892, 40.7202
YIQ	190.5530, 5.0920, -15.1960

Conversions

Conversions Part 2

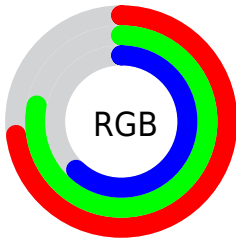
Format	Color
RYB	159, 199, 172
Decimal	12240799
CIELab	78.34, -11.44, 18.56
CIELCh	78, 21.803, 121.656
Yxy	53.7892, 0.3318, 0.3803
Android (android.graphics.Color)	4290430879 (0xFFBAC79F)
YUV	190.5530, -15.5556, -3.9930
Hunter-Lab	73.3411, -14.1286, 18.4200

Details

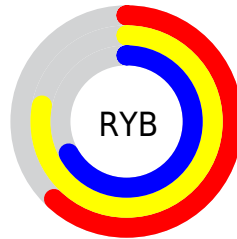
The Yxy color **53.7892, 0.3318, 0.3803** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7051, 0.2908, 0.2759**, and the grayscale version is **51.9181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2523, 0.3284, 0.3702**, and **26.2989, 0.3374, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **52.3616, 0.3410, 0.4077**, and if you desaturate by 10%, it is **55.3696, 0.3223, 0.3540**.

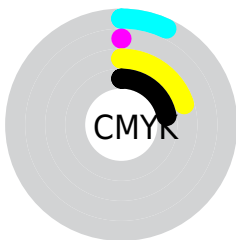
Distribution



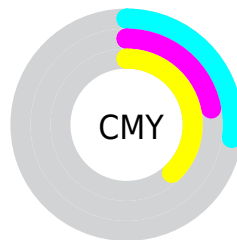
- Red (73%)
- Green (78%)
- Blue (62%)



- Red (62%)
- Yellow (78%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)





- Cyan (27%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7892, 0.3318, 0.3803 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 53.7892, 0.3318, 0.3803 by changing the saturation by 10% instead.


 53.7892, 0.3318,
0.3803


 53.7892, 0.3318,
0.3803

401.3057, 0.3228,
0.3547

 38.4332, 0.3339,
0.3866


 95.7647, 0.3287,
0.3710

 26.3190, 0.3364,
0.3947


 123.1529, 0.3274,
0.3676

 17.0625, 0.3396,
0.4055


155.3206, 0.3264,
0.3646

 10.2790, 0.3437,
0.4203

192.6522, 0.3255,
0.3621

 5.5844, 0.3491,
0.4420

235.5321, 0.3247,
0.3599

 2.5940, 0.3558,
0.4765

284.3448, 0.3240,

 0.9237, 0.3930,

0.3579

0.6070

339.4745, 0.3234,
0.3562

0.0000, 0.0000,
0.0000

53.7892, 0.3318,
0.3803

53.7892, 0.3318,
0.3803

52.3616, 0.3410,
0.4077

55.3696, 0.3223,
0.3540

51.0739, 0.3496,
0.4354

57.1012, 0.3128,
0.3292

49.9223, 0.3570,
0.4625

58.9914, 0.3036,
0.3063

48.8999, 0.3627,
0.4877

61.0452, 0.2948,
0.2853

47.9993, 0.3662,
0.5099

63.0377, 0.2888,
0.2697

■ 47.2119, 0.3674,
0.5280

■ 64.0593, 0.2934,
0.2705

■ 46.5277, 0.3660,
0.5412

■ 65.1205, 0.2980,
0.2713

■ 45.9333, 0.3627,
0.5502

■ 66.2217, 0.3027,
0.2721

■ 67.3633, 0.3074,
0.2729

Harmonies

Analogous

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



53.7892, 0.3566, 0.3769



53.7892, 0.3318, 0.3803



53.7892, 0.3027, 0.3682

Triad

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



53.7892, 0.3318, 0.3803



53.7892, 0.2587, 0.2940



53.7892, 0.3487, 0.3137

Complementary

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



53.7892, 0.3318, 0.3803



37.7051, 0.2908, 0.2759

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.



53.7892, 0.3209, 0.2940



53.7892, 0.3318, 0.3803



53.7892, 0.2695, 0.2823

Square

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



53.7892, 0.3318, 0.3803



53.7892, 0.2613, 0.3163



53.7892, 0.2919, 0.2826



53.7892, 0.3669, 0.3377

Rectangle

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



53.7892, 0.3318, 0.3803



53.7892, 0.2848, 0.3529



53.7892, 0.2919, 0.2826



53.7892, 0.3401, 0.3064

Sweetspot

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



53.7916, 0.3318, 0.3803



98.1203, 0.3185, 0.3439



44.0330, 0.3491, 0.3453



20.9593, 0.3191, 0.3455



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.



53.7916, 0.3318, 0.3803



93.0788, 0.3358, 0.3919



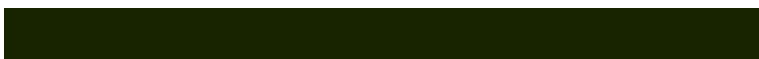
51.5001, 0.3159, 0.3829



12.2372, 0.3216, 0.3522



29.5825, 0.3635, 0.5496



1.4387, 0.3755, 0.5401

Inverse Universe

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



37.7051, 0.2908, 0.2759



59.9714, 0.2853, 0.2634



40.0931, 0.3083, 0.2786



10.4524, 0.3033, 0.3055



3.4130, 0.1743, 0.0734



0.2011, 0.1983, 0.0866

Previews

White Background



This preview shows how the Yxy color 53.7892, 0.3318, 0.3803 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 53.7892, 0.3318, 0.3803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

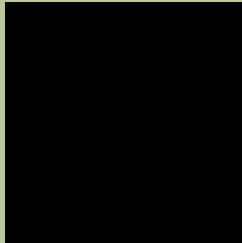
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

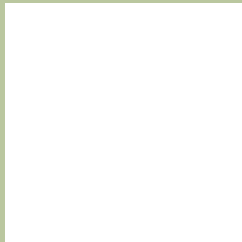
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.7892, 0.3318, 0.3803

Background



This preview shows how black text looks on a background with the Yxy color 53.7892, 0.3318, 0.3803.



This preview shows how white text looks on a background with the Yxy color 53.7892, 0.3318, 0.3803.

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

53.7892, 0.3318, 0.3803

Protanopia

53.5194, 0.3516, 0.3745

Deuteranopia

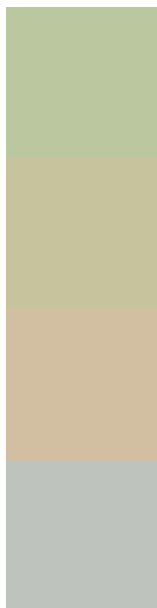
53.4144, 0.3645, 0.3572



Tritanopia

53.5908, 0.3017, 0.3096

Trichromacy



Original Color

53.7892, 0.3318, 0.3803

Protanomaly

53.4703, 0.3443, 0.3765

Deuteranomaly

53.5365, 0.3525, 0.3654

Tritanomaly

53.6951, 0.3124, 0.3352

Monochromacy



Original Color

53.7892, 0.3318, 0.3803

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.6571, 0.3199, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7892, 0.3318, 0.3803 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, 199, 159)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 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(186, 199, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 159) }
```

Border

The CSS property to change the border of an element to Yxy 53.7892, 0.3318, 0.3803 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, 199, 159) }
```

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

```
.border{ border-color:rgb(186, 199, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 159);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7892, 0.3318, 0.3803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 159) }
```

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

```
.background{ background-color: rgb(186,  
199, 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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