

Converting Colors

$Yxy(54.6971, 0.3302, 0.3872)$

Have a look what the booklet for
Yxy(54.6971, 0.3302, 0.3872)
contains.

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Color

Yxy(54.7427, 0.3303, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	B7CA9D
RGB	183, 202, 157
RGB Percent	72%, 79%, 62%
CMY	0.2824, 0.2078, 0.3842
CMYK	0.09, 0.00, 0.22, 0.21
HSL	85°, 30%, 70%
HSV	85°, 22%, 79%
XYZ	46.7343, 54.7427, 40.0135
YIQ	191.1890, 3.1210, -18.0230

Conversions

Conversions Part 2

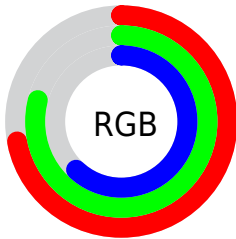
Format	Color
RYB	157, 202, 176
Decimal	12044957
CIELab	78.89, -14.38, 20.35
CIELCh	79, 24.920, 125.242
Yxy	54.7427, 0.3303, 0.3869
Android (android.graphics.Color)	4290235037 (0xFFB7CA9D)
YUV	191.1890, -16.8552, -7.1818
Hunter-Lab	73.9883, -16.7309, 19.7273

Details

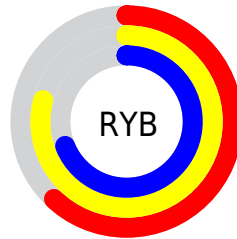
The Yxy color **54.7427, 0.3303, 0.3869** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.6238, 0.2918, 0.2702**, and the grayscale version is **52.3152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6242, 0.3277, 0.3725**, and **26.9456, 0.3351, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **53.0952, 0.3377, 0.4153**, and if you desaturate by 10%, it is **56.5726, 0.3224, 0.3598**.

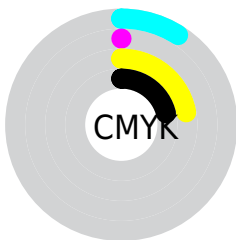
Distribution



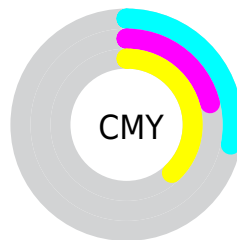
- Red (72%)
- Green (79%)
- Blue (62%)



- Red (62%)
- Yellow (79%)
- Blue (69%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (28%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7427, 0.3303, 0.3869 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 54.7427, 0.3303, 0.3869 by changing the saturation by 10% instead.


 54.7427, 0.3303,
0.3869


 54.7427, 0.3303,
0.3869


404.9359, 0.3222,
0.3580

 39.1958, 0.3321,
0.3941


 97.1639, 0.3275,
0.3764

 26.9120, 0.3343,
0.4032


 124.8069, 0.3264,
0.3725

 17.5072, 0.3370,
0.4154


157.2507, 0.3255,
0.3691

 10.5968, 0.3403,
0.4321

194.8797, 0.3246,
0.3663

 5.7964, 0.3443,
0.4566

238.0784, 0.3239,
0.3638

 2.7217, 0.3486,
0.4958

287.2310, 0.3233,

 0.9882, 0.3717,

0.3616

0.6283

342.7220, 0.3227,
0.3597

0.0000, 0.0000,
0.0000

54.7427, 0.3303,
0.3869

54.7427, 0.3303,
0.3869

53.0952, 0.3377,
0.4153

56.5726, 0.3224,
0.3598

51.6163, 0.3444,
0.4442

58.5841, 0.3145,
0.3345

50.3010, 0.3497,
0.4725

60.7856, 0.3067,
0.3112

49.1417, 0.3534,
0.4991

63.1826, 0.2992,
0.2900

48.1295, 0.3549,
0.5224

65.5837, 0.2940,
0.2737

■ 47.2547, 0.3540,
0.5412

■ 66.9968, 0.3001,
0.2747

■ 46.5057, 0.3509,
0.5548

■ 68.4796, 0.3062,
0.2757

■ 45.9975, 0.3473,
0.5624

■ 70.0330, 0.3125,
0.2767

■ 70.7240, 0.3151,
0.2772

Harmonies

Analogous

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



54.7427, 0.3596, 0.3847



54.7427, 0.3303, 0.3869



54.7427, 0.2973, 0.3711

Triad

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



54.7427, 0.3303, 0.3869



54.7427, 0.2523, 0.2869



54.7427, 0.3569, 0.3146

Complementary

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



54.7427, 0.3303, 0.3869



37.6238, 0.2918, 0.2702

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.



54.7427, 0.3259, 0.2917



54.7427, 0.3303, 0.3869



54.7427, 0.2663, 0.2755

Square

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



54.7427, 0.3303, 0.3869



54.7427, 0.2535, 0.3108



54.7427, 0.2927, 0.2776



54.7427, 0.3758, 0.3418

Rectangle

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



54.7427, 0.3303, 0.3869



54.7427, 0.2778, 0.3526



54.7427, 0.2927, 0.2776



54.7427, 0.3474, 0.3063

Sweetspot

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



54.7451, 0.3303, 0.3869



97.4997, 0.3183, 0.3465



45.9530, 0.3526, 0.3528



20.8244, 0.3188, 0.3480



0.0000, 0.0000, 0.0000



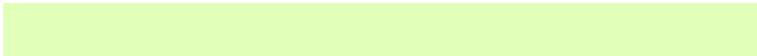
21.4041, 0.3127, 0.3290

Same Dimension

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



54.7451, 0.3303, 0.3869



91.2221, 0.3342, 0.4013



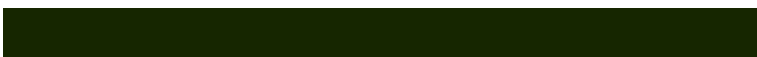
52.2332, 0.3127, 0.3901



12.8512, 0.3202, 0.3523



29.6502, 0.3482, 0.5617



1.5737, 0.3619, 0.5509

Inverse Universe

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



37.6238, 0.2918, 0.2702



56.8880, 0.2860, 0.2553



40.4291, 0.3118, 0.2736



11.0719, 0.3047, 0.3055



4.0493, 0.1890, 0.0815



0.2533, 0.2115, 0.0939

Previews

White Background



This preview shows how the Yxy color 54.7427, 0.3303, 0.3869 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 54.7427, 0.3303, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

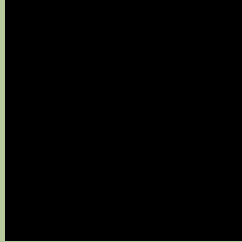
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.7427, 0.3303, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 54.7427, 0.3303, 0.3869.



This preview shows how white text looks on a background with the Yxy color 54.7427, 0.3303, 0.3869.

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

54.7427, 0.3303, 0.3869

Protanopia

54.7732, 0.3553, 0.3789

Deuteranopia

54.2475, 0.3686, 0.3604



Tritanopia

54.7597, 0.2988, 0.3108

Trichromacy



Original Color

54.7427, 0.3303, 0.3869

Protanomaly

54.8968, 0.3460, 0.3824

Deuteranomaly

53.9041, 0.3538, 0.3690

Tritanomaly

54.8411, 0.3100, 0.3377

Monochromacy



Original Color

54.7427, 0.3303, 0.3869

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.9763, 0.3190, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7427, 0.3303, 0.3869 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(183, 202, 157)` looks like.

```
.text, #text, p{  
    color:rgb(183, 202, 157)  
}
```

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(183, 202, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 202, 157) }
```

Border

The CSS property to change the border of an element to Yxy 54.7427, 0.3303, 0.3869 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(183, 202, 157) }
```

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

```
.border{ border-color:rgb(183, 202, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 202, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 202, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 202, 157);  
box-shadow:4px 4px 4px 4px rgb(183, 202,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7427, 0.3303, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 202, 157) }
```

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

```
.background{ background-color: rgb(183,  
202, 157) }
```

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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