

Converting Colors

$Yxy(50.3494, 0.3564, 0.3971)$

Have a look what the booklet for
Yxy(50.3494, 0.3564, 0.3971)
contains.

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Color

Yxy(50.4340, 0.3559, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	C1BF8A
RGB	193, 191, 138
RGB Percent	76%, 75%, 54%
CMY	0.2431, 0.2510, 0.4589
CMYK	0.00, 0.01, 0.29, 0.24
HSL	58°, 31%, 65%
HSV	58°, 29%, 76%
XYZ	45.2127, 50.4340, 31.3910
YIQ	185.5560, 18.2050, -16.0590

Conversions

Conversions Part 2

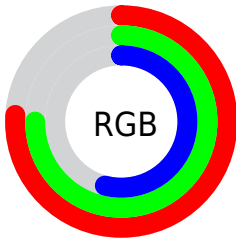
Format	Color
R_{YB}	140, 193, 138
Decimal	12697482
CIE _{Lab}	76.33, -7.68, 27.08
CIE _{LCh}	76, 28.144, 105.844
Yxy	50.4340, 0.3559, 0.3970
Android (android.graphics.Color)	4290887562 (0xFFC1BF8A)
YUV	185.5560, -23.4451, 6.5284
Hunter-Lab	71.0169, -10.6380, 23.5043

Details

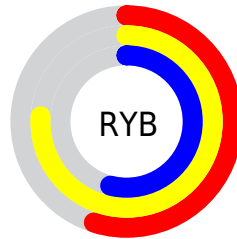
The Yxy color **50.4340, 0.3559, 0.3970** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.0101, 0.2637, 0.2505**, and the grayscale version is **48.9691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6513, 0.3485, 0.3843**, and **24.3540, 0.3674, 0.4170** is the 20% darker color. If you saturate the color by 10%, you get **49.6185, 0.3710, 0.4204**, and if you desaturate by 10%, it is **51.3549, 0.3405, 0.3729**.

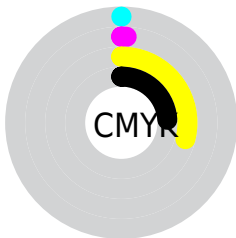
Distribution



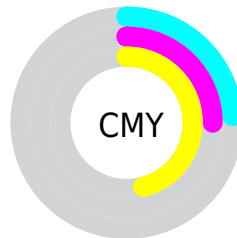
- Red (76%)
- Green (75%)
- Blue (54%)



- Red (55%)
- Yellow (76%)
- Blue (54%)



- Cyan (0%)
- Magenta (1%)
- Yellow (29%)
- Black (24%)




- Cyan (24%)
- Magenta (25%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4340, 0.3559, 0.3970 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 50.4340, 0.3559, 0.3970 by changing the saturation by 10% instead.


 50.4340, 0.3559,
0.3970

 50.4340, 0.3559,
0.3970


388.3607, 0.3351,
0.3631

 35.7584, 0.3608,
0.4053


 90.8176, 0.3486,
0.3848

 24.2476, 0.3668,
0.4159


 117.2943, 0.3458,
0.3801

 15.5174, 0.3744,
0.4297


 148.4735, 0.3433,
0.3762

 9.1833, 0.3841,
0.4484

184.7396, 0.3412,
0.3729

 4.8609, 0.3966,
0.4747

226.4770, 0.3394,
0.3699

 2.1659, 0.4365,
0.5444

274.0700, 0.3378,

 0.7013, 0.4058,

0.3674

0.5942

327.9032, 0.3364,
0.3651

0.0000, 0.0000,
0.0000

50.4340, 0.3559,
0.3970

50.4340, 0.3559,
0.3970

49.6185, 0.3710,
0.4204

51.3549, 0.3405,
0.3729

48.8962, 0.3852,
0.4422

52.3793, 0.3253,
0.3489

48.2638, 0.3978,
0.4614

53.5139, 0.3106,
0.3256

47.7148, 0.4085,
0.4771

54.7631, 0.2967,
0.3034

47.2421, 0.4167,
0.4888

56.1309, 0.2837,
0.2827

■ 46.8371, 0.4222,
0.4961

■ 57.6212, 0.2718,
0.2636

■ 46.4861, 0.4254,
0.4996

■ 58.0165, 0.2712,
0.2632

■ 46.4354, 0.4259,
0.5001

■ 58.3360, 0.2712,
0.2640

■ 58.6570, 0.2713,
0.2648

Harmonies

Analogous

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



50.4340, 0.3819, 0.3817



50.4340, 0.3559, 0.3970



50.4340, 0.3192, 0.3926

Triad

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



50.4340, 0.3559, 0.3970



50.4340, 0.2420, 0.2963



50.4340, 0.3415, 0.2945

Complementary

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



50.4340, 0.3559, 0.3970



28.0101, 0.2637, 0.2505

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.



50.4340, 0.3025, 0.2743



50.4340, 0.3559, 0.3970



50.4340, 0.2470, 0.2738

Square

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



50.4340, 0.3559, 0.3970



50.4340, 0.2545, 0.3307



50.4340, 0.2684, 0.2666



50.4340, 0.3739, 0.3229

Rectangle

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



50.4340, 0.3559, 0.3970



50.4340, 0.2939, 0.3777



50.4340, 0.2684, 0.2666



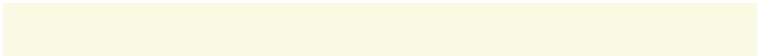
50.4340, 0.3286, 0.2866

Sweetspot

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



50.4363, 0.3559, 0.3970



93.6728, 0.3262, 0.3504



31.4282, 0.3714, 0.3254



20.0360, 0.3284, 0.3539



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



50.4363, 0.3559, 0.3970



89.4119, 0.3650, 0.4112



48.3344, 0.3337, 0.4046



11.6930, 0.3266, 0.3509



30.9059, 0.4258, 0.5001



1.3554, 0.4242, 0.5014

Inverse Universe

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



28.0101, 0.2637, 0.2505



42.9102, 0.2516, 0.2309



29.7845, 0.2862, 0.2524



9.8058, 0.2983, 0.3061



2.6886, 0.1508, 0.0627



0.1370, 0.1535, 0.0726

Previews

White Background



This preview shows how the Yxy color 50.4340, 0.3559, 0.3970 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 50.4340, 0.3559, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

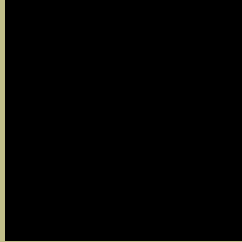
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4340, 0.3559, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 50.4340, 0.3559, 0.3970.



This preview shows how white text looks on a background with the Yxy color 50.4340, 0.3559, 0.3970.

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

50.4340, 0.3559, 0.3970

Protanopia

50.3291, 0.3658, 0.3929

Deuteranopia

50.0656, 0.3847, 0.3764



Tritanopia

50.2235, 0.3153, 0.3108

Trichromacy



Original Color

50.4340, 0.3559, 0.3970

Protanomaly

50.3434, 0.3627, 0.3947

Deuteranomaly

49.9939, 0.3739, 0.3841

Tritanomaly

50.1227, 0.3300, 0.3416

Monochromacy



Original Color

50.4340, 0.3559, 0.3970

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.6498, 0.3284, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4340, 0.3559, 0.3970 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(193, 191, 138)` looks like.

```
.text, #text, p{  
    color:rgb(193, 191, 138)  
}
```

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(193, 191, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 191, 138) }
```

Border

The CSS property to change the border of an element to Yxy 50.4340, 0.3559, 0.3970 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(193, 191, 138) }
```

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

```
.border{ border-color:rgb(193, 191, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 191, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 191, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 191, 138); box-shadow:4px 4px 4px 4px rgb(193, 191, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4340, 0.3559, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 191, 138) }
```

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

```
.background{ background-color: rgb(193,  
191, 138) }
```

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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