

Converting Colors

$Yxy(54.5988, 0.3427, 0.3776)$

Have a look what the booklet for
Yxy(54.5988, 0.3427, 0.3776)
contains.

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Color

Yxy(54.4069, 0.3431, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	C6C59E
RGB	198, 197, 158
RGB Percent	78%, 77%, 62%
CMY	0.2233, 0.2275, 0.3804
CMYK	0.00, 0.01, 0.20, 0.22
HSL	58°, 26%, 70%
HSV	58°, 20%, 78%
XYZ	49.4359, 54.4069, 40.2432
YIQ	192.8530, 13.1150, -11.9170

Conversions

Conversions Part 2

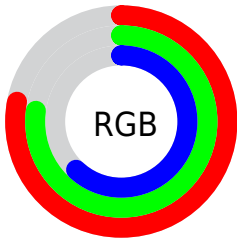
Format	Color
RYB	159, 198, 158
Decimal	13026718
CIELab	78.70, -6.08, 19.74
CIELCh	79, 20.658, 107.113
Yxy	54.4069, 0.3431, 0.3776
Android (android.graphics.Color)	4291216798 (0xFFC6C59E)
YUV	192.8530, -17.1825, 4.5139
Hunter-Lab	73.7610, -9.4480, 19.2847

Details

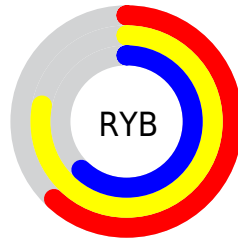
The Yxy color **54.4069, 0.3431, 0.3776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1652, 0.2794, 0.2753**, and the grayscale version is **53.3395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9477, 0.3377, 0.3691**, and **26.6148, 0.3516, 0.3911** is the 20% darker color. If you saturate the color by 10%, you get **53.5440, 0.3584, 0.4019**, and if you desaturate by 10%, it is **55.3853, 0.3278, 0.3533**.

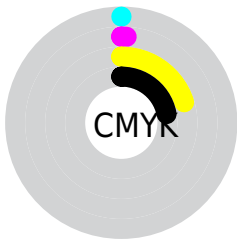
Distribution



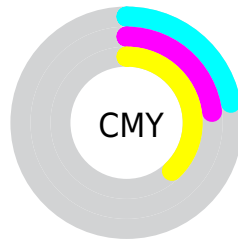
- Red (78%)
- Green (77%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (20%)
- Black (22%)





- Cyan (22%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4069, 0.3431, 0.3776 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 54.4069, 0.3431, 0.3776 by changing the saturation by 10% instead.


 54.4069, 0.3431,
0.3776

 54.4069, 0.3431,
0.3776


403.6597, 0.3285,
0.3537

 38.9271, 0.3465,
0.3834


 96.6714, 0.3379,
0.3690

 26.7030, 0.3508,
0.3908


 124.2249, 0.3360,
0.3657

 17.3503, 0.3563,
0.4005


156.5717, 0.3343,
0.3630

 10.4846, 0.3636,
0.4137

194.0963, 0.3328,
0.3606

 5.7214, 0.3735,
0.4326

237.1830, 0.3315,
0.3585

 2.6764, 0.3875,
0.4618

286.2162, 0.3304,

 0.9652, 0.4427,

0.3567

0.5573

341.5803, 0.3294,
0.3551

0.0000, 0.0000,
0.0000

54.4069, 0.3431,
0.3776

54.4069, 0.3431,
0.3776

53.5440, 0.3584,
0.4019

55.3853, 0.3278,
0.3533

52.7842, 0.3732,
0.4253

56.4770, 0.3130,
0.3295

52.1242, 0.3870,
0.4468

57.6889, 0.2990,
0.3069

51.5578, 0.3991,
0.4656

59.0254, 0.2858,
0.2856

51.0780, 0.4091,
0.4808

60.3595, 0.2748,
0.2679

■ 50.6769, 0.4165,
0.4917

■ 60.6018, 0.2749,
0.2685

■ 50.3453, 0.4214,
0.4984

■ 60.8448, 0.2749,
0.2691

■ 50.0706, 0.4240,
0.5015

■ 61.0887, 0.2750,
0.2697

■ 61.3335, 0.2750,
0.2703

Harmonies

Analogous

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



54.4069, 0.3619, 0.3681



54.4069, 0.3431, 0.3776



54.4069, 0.3167, 0.3732

Triad

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



54.4069, 0.3431, 0.3776



54.4069, 0.2612, 0.3052



54.4069, 0.3346, 0.3047

Complementary

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



54.4069, 0.3431, 0.3776



36.1652, 0.2794, 0.2753

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.



54.4069, 0.3068, 0.2894



54.4069, 0.3431, 0.3776



54.4069, 0.2653, 0.2888

Square

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



54.4069, 0.3431, 0.3776



54.4069, 0.2700, 0.3296



54.4069, 0.2817, 0.2835



54.4069, 0.3571, 0.3261

Rectangle

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



54.4069, 0.3431, 0.3776



54.4069, 0.2985, 0.3624



54.4069, 0.2817, 0.2835



54.4069, 0.3255, 0.2987

Sweetspot

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



54.4093, 0.3431, 0.3776



98.7957, 0.3217, 0.3433



38.9812, 0.3512, 0.3274



21.1193, 0.3226, 0.3449



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.



54.4093, 0.3431, 0.3776



95.6384, 0.3494, 0.3877



52.5059, 0.3272, 0.3814



12.3670, 0.3266, 0.3512



32.5650, 0.4239, 0.5016



1.5575, 0.4229, 0.5024

Inverse Universe

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



36.1652, 0.2794, 0.2753



57.8804, 0.2716, 0.2627



37.8441, 0.2956, 0.2763



10.3316, 0.2983, 0.3058



2.7452, 0.1505, 0.0619



0.1460, 0.1524, 0.0687

Previews

White Background



This preview shows how the Yxy color 54.4069, 0.3431, 0.3776 looks on a white background.

Color Contrast Check

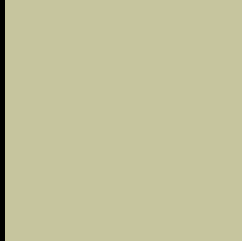
Large Text (above 18pt) WCAG AA × Fail

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 54.4069, 0.3431, 0.3776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

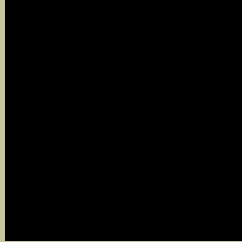
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4069, 0.3431, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 54.4069, 0.3431, 0.3776.



This preview shows how white text looks on a background with the Yxy color 54.4069, 0.3431, 0.3776.

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

54.4069, 0.3431, 0.3776

Protanopia

54.2833, 0.3523, 0.3742

Deuteranopia

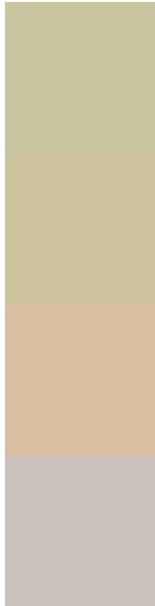
54.2475, 0.3686, 0.3604



Tritanopia

54.0721, 0.3127, 0.3112

Trichromacy



Original Color

54.4069, 0.3431, 0.3776

Protanomaly

54.3019, 0.3494, 0.3757

Deuteranomaly

54.3637, 0.3594, 0.3672

Tritanomaly

54.3273, 0.3238, 0.3351

Monochromacy



Original Color

54.4069, 0.3431, 0.3776

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4810, 0.3241, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4069, 0.3431, 0.3776 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(198, 197, 158)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 158)  
}
```

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(198, 197, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 158) }
```

Border

The CSS property to change the border of an element to Yxy 54.4069, 0.3431, 0.3776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

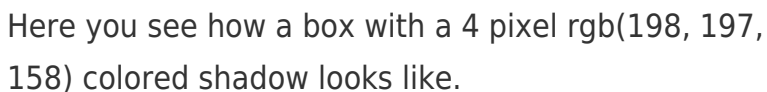
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 197, 158) }
```

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

```
.border{ border-color:rgb(198, 197, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 197, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 197, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 197, 158); box-shadow:4px 4px 4px 4px rgb(198, 197, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4069, 0.3431, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 158) }
```

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

```
.background{ background-color: rgb(198,  
197, 158) }
```

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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