

Converting Colors

Yxy(54.7313, 0.3459, 0.3839)

Have a look what the booklet for
Yxy(54.7313, 0.3459, 0.3839)
contains.

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Color

Yxy(54.7270, 0.3459, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	C6C69A
RGB	198, 198, 154
RGB Percent	78%, 78%, 60%
CMY	0.2234, 0.2236, 0.3960
CMYK	0.00, 0.00, 0.22, 0.22
HSL	60°, 28%, 69%
HSV	60°, 22%, 78%
XYZ	49.3227, 54.7270, 38.5428
YIQ	192.9840, 14.1240, -13.6840

Conversions

Conversions Part 2

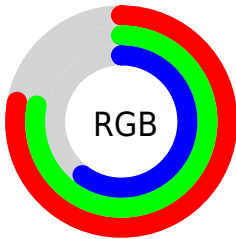
Format	Color
RYB	154, 198, 154
Decimal	13026970
CIELab	78.88, -7.19, 22.11
CIELCh	79, 23.252, 108.000
Yxy	54.7270, 0.3459, 0.3838
Android (android.graphics.Color)	4291217050 (0xFFC6C69A)
YUV	192.9840, -19.2191, 4.3990
Hunter-Lab	73.9777, -10.4507, 20.8940

Details

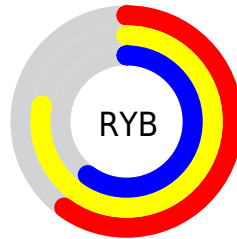
The Yxy color **54.7270, 0.3459, 0.3838** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.0800, 0.2756, 0.2676**, and the grayscale version is **53.4317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **26.8551, 0.3542, 0.3977** is the 20% darker color. If you saturate the color by 10%, you get **54.1153, 0.3608, 0.4085**, and if you desaturate by 10%, it is **55.4525, 0.3308, 0.3588**.

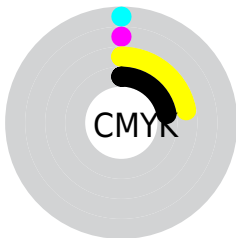
Distribution



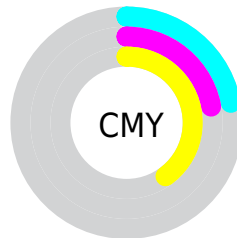
- Red (78%)
- Green (78%)
- Blue (60%)



- Red (60%)
- Yellow (78%)
- Blue (60%)



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





- Cyan (22%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7270, 0.3459, 0.3838 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 54.7270, 0.3459, 0.3838 by changing the saturation by 10% instead.


 54.7270, 0.3459,
0.3838


 54.7270, 0.3459,
0.3838


404.8762, 0.3301,
0.3568

 39.1832, 0.3496,
0.3904


 97.1409, 0.3403,
0.3741

 26.9023, 0.3542,
0.3987


 124.7797, 0.3382,
0.3704

 17.4998, 0.3601,
0.4096


157.2190, 0.3363,
0.3673

 10.5915, 0.3677,
0.4244

194.8431, 0.3347,
0.3646

 5.7929, 0.3779,
0.4454

238.0366, 0.3333,
0.3623

 2.7195, 0.3928,
0.4787

287.1836, 0.3321,

 0.9871, 0.4348,

0.3602

0.5652

342.6687, 0.3310,
0.3584

0.0000, 0.0000,
0.0000

54.7270, 0.3459,
0.3838

54.7270, 0.3459,
0.3838

54.1153, 0.3608,
0.4085

55.4525, 0.3308,
0.3588

53.6047, 0.3751,
0.4320

56.2893, 0.3159,
0.3343

53.1918, 0.3881,
0.4534

57.2447, 0.3017,
0.3108

52.8703, 0.3992,
0.4717

58.3229, 0.2883,
0.2887

52.6332, 0.4080,
0.4863

59.5282, 0.2759,
0.2682

■ 52.4722, 0.4142,
0.4966

■ 59.6619, 0.2747,
0.2662

■ 52.3776, 0.4179,
0.5026

■ 59.6696, 0.2747,
0.2662

■ 52.3360, 0.4195,
0.5051

■ 59.6773, 0.2747,
0.2663

■ 59.6850, 0.2747,
0.2663

Harmonies

Analogous

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



54.7270, 0.3674, 0.3732



54.7270, 0.3459, 0.3838



54.7270, 0.3161, 0.3785

Triad

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



54.7270, 0.3459, 0.3838



54.7270, 0.2550, 0.3014



54.7270, 0.3382, 0.3025

Complementary

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



54.7270, 0.3459, 0.3838



34.0800, 0.2756, 0.2676

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.



54.7270, 0.3069, 0.2852



54.7270, 0.3459, 0.3838



54.7270, 0.2601, 0.2836

Square

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



54.7270, 0.3459, 0.3838



54.7270, 0.2644, 0.3286



54.7270, 0.2786, 0.2782



54.7270, 0.3632, 0.3263

Rectangle

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



54.7270, 0.3459, 0.3838



54.7270, 0.2957, 0.3660



54.7270, 0.2786, 0.2782



54.7270, 0.3280, 0.2958

Sweetspot

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



54.7294, 0.3459, 0.3838



98.8935, 0.3231, 0.3462



37.4855, 0.3568, 0.3282



21.1479, 0.3240, 0.3477



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.



54.7294, 0.3459, 0.3838



96.2942, 0.3537, 0.3967



52.0552, 0.3280, 0.3871



12.4154, 0.3265, 0.3518



34.0238, 0.4195, 0.5051



1.6115, 0.4194, 0.5052

Inverse Universe

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



34.0800, 0.2756, 0.2676



52.8836, 0.2655, 0.2510



36.3436, 0.2943, 0.2708



10.2889, 0.2983, 0.3051



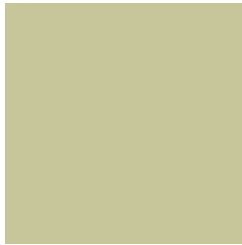
2.6545, 0.1500, 0.0601



0.1262, 0.1501, 0.0603

Previews

White Background



This preview shows how the Yxy color 54.7270, 0.3459, 0.3838 looks on a white background.

Color Contrast Check

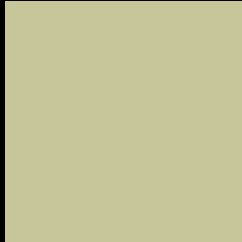
Large Text (above 18pt) WCAG AA × Fail

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 54.7270, 0.3459, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

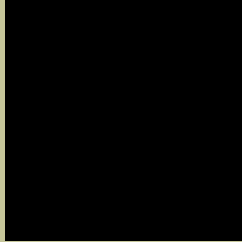
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

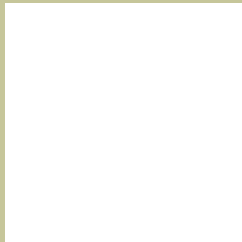
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7270, 0.3459, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 54.7270, 0.3459, 0.3838.



This preview shows how white text looks on a background with the Yxy color 54.7270, 0.3459, 0.3838.

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

54.7270, 0.3459, 0.3838

Protanopia

54.7400, 0.3560, 0.3801

Deuteranopia

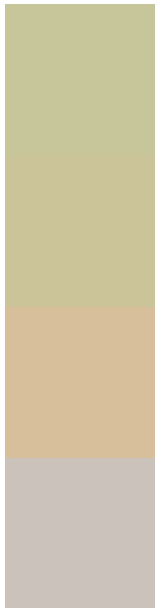
54.2718, 0.3728, 0.3649



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.7270, 0.3459, 0.3838

Protanomaly

54.6171, 0.3523, 0.3819

Deuteranomaly

54.2271, 0.3626, 0.3720

Tritanomaly

54.7280, 0.3245, 0.3375

Monochromacy



Original Color

54.7270, 0.3459, 0.3838

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.8870, 0.3247, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7270, 0.3459, 0.3838 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, 198, 154)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 154)  
}
```

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, 198, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 154) }
```

Border

The CSS property to change the border of an element to Yxy 54.7270, 0.3459, 0.3838 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, 198, 154) }
```

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

```
.border{ border-color:rgb(198, 198, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 154);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7270, 0.3459, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 154) }
```

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

```
.background{ background-color: rgb(198,  
198, 154) }
```

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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