

Converting Colors

Yxy(54.9340, 0.3465, 0.3842)

Have a look what the booklet for
Yxy(54.9340, 0.3465, 0.3842)
contains.

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Color

Yxy(54.8634, 0.3467, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	C7C69A
RGB	199, 198, 154
RGB Percent	78%, 78%, 60%
CMY	0.2197, 0.2235, 0.3961
CMYK	0.00, 0.00, 0.23, 0.22
HSL	59°, 29%, 69%
HSV	59°, 23%, 78%
XYZ	49.5729, 54.8634, 38.5488
YIQ	193.2830, 14.7200, -13.4720

Conversions

Conversions Part 2

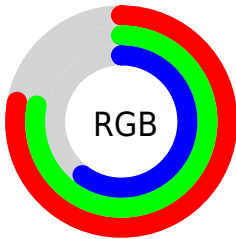
Format	Color
RYB	155, 199, 154
Decimal	13092506
CIELab	78.96, -6.85, 22.24
CIElCh	79, 23.272, 107.109
Yxy	54.8634, 0.3467, 0.3837
Android (android.graphics.Color)	4291282586 (0xFFC7C69A)
YUV	193.2830, -19.3665, 5.0138
Hunter-Lab	74.0698, -10.1569, 20.9921

Details

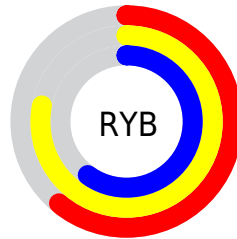
The Yxy color $54.8634, 0.3467, 0.3837$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $34.4183, 0.2749, 0.2677$, and the grayscale version is $53.6118, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.3834, 0.3400, 0.3741$, and $26.9455, 0.3554, 0.3974$ is the 20% darker color. If you saturate the color by 10%, you get $54.0652, 0.3619, 0.4080$, and if you desaturate by 10%, it is $55.7769, 0.3314, 0.3592$.

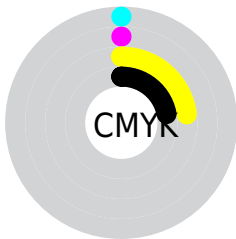
Distribution



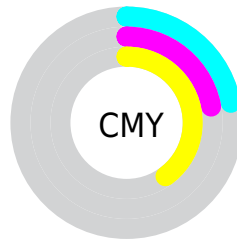
- Red (78%)
- Green (78%)
- Blue (60%)



- Red (61%)
- Yellow (78%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.8634, 0.3467, 0.3837 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 54.8634, 0.3467, 0.3837 by changing the saturation by 10% instead.

 54.8634, 0.3467,
0.3837


 54.8634, 0.3467,
0.3837


405.3939, 0.3305,
0.3568

 39.2924, 0.3505,
0.3902

 97.3408, 0.3410,
0.3740

 26.9872, 0.3552,
0.3985


 125.0159, 0.3388,
0.3704

 17.5636, 0.3612,
0.4094


157.4946, 0.3369,
0.3673

 10.6372, 0.3691,
0.4240

195.1611, 0.3353,
0.3646

 5.8234, 0.3796,
0.4448

238.3999, 0.3338,
0.3623

 2.7380, 0.3949,
0.4776

287.5954, 0.3326,

 0.9965, 0.4378,

0.3602

0.5622

343.1319, 0.3315,
0.3584

0.0000, 0.0000,
0.0000

54.8634, 0.3467,
0.3837

54.8634, 0.3467,
0.3837

54.0652, 0.3619,
0.4080

55.7769, 0.3314,
0.3592

53.3696, 0.3764,
0.4311

56.8034, 0.3165,
0.3351

52.7731, 0.3897,
0.4522

57.9501, 0.3022,
0.3120

52.2693, 0.4013,
0.4702

59.2215, 0.2888,
0.2903

51.8509, 0.4105,
0.4844

60.6217, 0.2764,
0.2701

■ 51.5098, 0.4172,
0.4944

■ 60.9139, 0.2755,
0.2691

■ 51.2359, 0.4213,
0.5001

■ 61.1093, 0.2756,
0.2696

■ 51.0630, 0.4230,
0.5023

■ 61.3052, 0.2756,
0.2700

■ 61.5016, 0.2756,
0.2705

Harmonies

Analogous

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



54.8634, 0.3679, 0.3727



54.8634, 0.3467, 0.3837



54.8634, 0.3170, 0.3789

Triad

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



54.8634, 0.3467, 0.3837



54.8634, 0.2551, 0.3021



54.8634, 0.3373, 0.3018

Complementary

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



54.8634, 0.3467, 0.3837



34.4183, 0.2749, 0.2677

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.



54.8634, 0.3060, 0.2848



54.8634, 0.3467, 0.3837



54.8634, 0.2597, 0.2839

Square

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



54.8634, 0.3467, 0.3837



54.8634, 0.2648, 0.3295



54.8634, 0.2779, 0.2782



54.8634, 0.3626, 0.3255

Rectangle

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



54.8634, 0.3467, 0.3837



54.8634, 0.2966, 0.3667



54.8634, 0.2779, 0.2782



54.8634, 0.3270, 0.2952

Sweetspot

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



54.8658, 0.3467, 0.3837



98.6631, 0.3232, 0.3459



37.6325, 0.3570, 0.3272



21.0944, 0.3241, 0.3473



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.



54.8658, 0.3467, 0.3837



95.4082, 0.3540, 0.3954



52.6265, 0.3289, 0.3881



12.3771, 0.3266, 0.3514



32.8650, 0.4230, 0.5023



1.5686, 0.4222, 0.5030

Inverse Universe

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



34.4183, 0.2749, 0.2677



53.4748, 0.2657, 0.2526



36.3458, 0.2932, 0.2696



10.3227, 0.2983, 0.3056



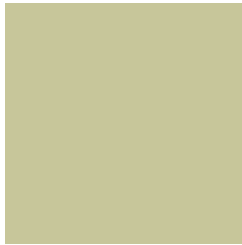
2.7263, 0.1504, 0.0615



0.1419, 0.1519, 0.0669

Previews

White Background



This preview shows how the Yxy color 54.8634, 0.3467, 0.3837 looks on a white background.

Color Contrast Check

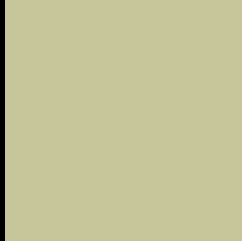
Large Text (above 18pt) WCAG AA × Fail

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 54.8634, 0.3467, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

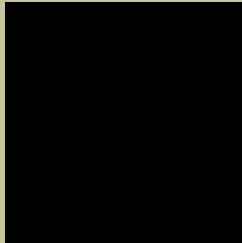
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

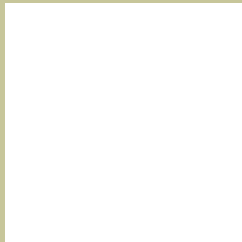
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8634, 0.3467, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 54.8634, 0.3467, 0.3837.



This preview shows how white text looks on a background with the Yxy color 54.8634, 0.3467, 0.3837.

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

54.8634, 0.3467, 0.3837

Protanopia

54.7400, 0.3560, 0.3801

Deuteranopia

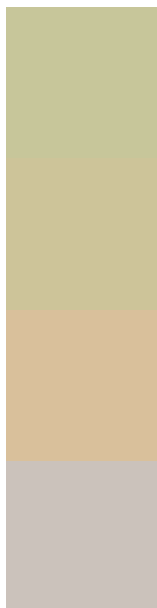
54.8607, 0.3734, 0.3659



Tritanopia

54.8396, 0.3135, 0.3114

Trichromacy



Original Color

54.8634, 0.3467, 0.3837

Protanomaly

54.7589, 0.3532, 0.3817

Deuteranomaly

54.8175, 0.3632, 0.3730

Tritanomaly

54.8679, 0.3253, 0.3375

Monochromacy



Original Color

54.8634, 0.3467, 0.3837

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 54.8634, 0.3467, 0.3837 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(199, 198, 154)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 198, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 154) }
```

Border

The CSS property to change the border of an element to Yxy 54.8634, 0.3467, 0.3837 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(199, 198, 154) }
```

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

```
.border{ border-color:rgb(199, 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(199, 198, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 154);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8634, 0.3467, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 154) }
```

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

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