

Converting Colors

Yxy(54.8329, 0.3436, 0.3800)

Have a look what the booklet for
Yxy(54.8329, 0.3436, 0.3800)
contains.

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Color

Yxy(54.8283, 0.3436, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	C6C69D
RGB	198, 198, 157
RGB Percent	78%, 78%, 62%
CMY	0.2236, 0.2235, 0.3844
CMYK	0.00, 0.00, 0.21, 0.22
HSL	60°, 26%, 70%
HSV	60°, 21%, 78%
XYZ	49.5633, 54.8283, 39.8555
YIQ	193.3260, 13.1610, -12.7510

Conversions

Conversions Part 2

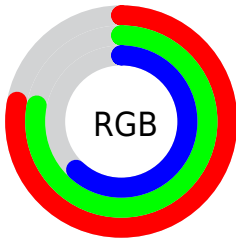
Format	Color
RYB	157, 198, 157
Decimal	13026973
CIELab	78.94, -6.79, 20.63
CIElCh	79, 21.714, 108.209
Yxy	54.8283, 0.3436, 0.3801
Android (android.graphics.Color)	4291217053 (0xFFC6C69D)
YUV	193.3260, -17.9087, 4.0991
Hunter-Lab	74.0461, -10.1005, 19.9194

Details

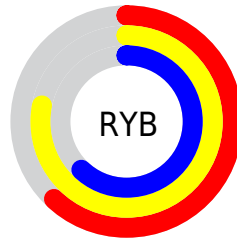
The Yxy color **54.8283, 0.3436, 0.3801** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3502, 0.2784, 0.2722**, and the grayscale version is **53.6306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **26.8957, 0.3522, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **54.2065, 0.3586, 0.4049**, and if you desaturate by 10%, it is **55.5645, 0.3285, 0.3551**.

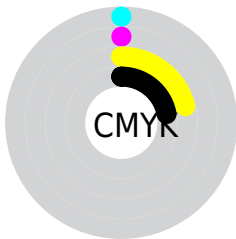
Distribution



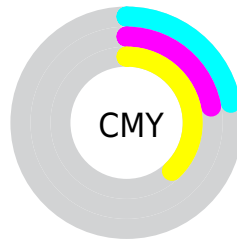
- Red (78%)
- Green (78%)
- Blue (62%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8283, 0.3436, 0.3801 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 54.8283, 0.3436, 0.3801 by changing the saturation by 10% instead.


 54.8283, 0.3436,
0.3801


 54.8283, 0.3436,
0.3801

405.2607, 0.3288,
0.3549

 39.2643, 0.3471,
0.3862

 97.2893, 0.3384,
0.3711

 26.9654, 0.3514,
0.3940


 124.9551, 0.3364,
0.3676

 17.5472, 0.3569,
0.4042


157.4237, 0.3347,
0.3647

 10.6254, 0.3641,
0.4180

195.0793, 0.3332,
0.3622

 5.8156, 0.3739,
0.4378

238.3064, 0.3319,
0.3601

 2.7332, 0.3876,
0.4683

287.4894, 0.3307,

 0.9941, 0.4382,

0.3581

0.5618

343.0127, 0.3297,
0.3565

0.0000, 0.0000,
0.0000

54.8283, 0.3436,
0.3801

54.8283, 0.3436,
0.3801

54.2065, 0.3586,
0.4049

55.5645, 0.3285,
0.3551

53.6867, 0.3729,
0.4287

56.4129, 0.3138,
0.3307

53.2655, 0.3861,
0.4505

57.3803, 0.2997,
0.3074

52.9366, 0.3975,
0.4693

58.4713, 0.2864,
0.2855

52.6932, 0.4066,
0.4845

59.6268, 0.2747,
0.2661

■ 52.5271, 0.4133,
0.4955

■ 59.6286, 0.2747,
0.2661

■ 52.4291, 0.4173,
0.5022

■ 59.6305, 0.2747,
0.2661

■ 52.3825, 0.4192,
0.5054

■ 59.6324, 0.2747,
0.2661

■ 59.6343, 0.2748,
0.2661

Harmonies

Analogous

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



54.8283, 0.3637, 0.3705



54.8283, 0.3436, 0.3801



54.8283, 0.3157, 0.3750

Triad

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



54.8283, 0.3436, 0.3801



54.8283, 0.2587, 0.3032



54.8283, 0.3367, 0.3043

Complementary

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



54.8283, 0.3436, 0.3801



35.3502, 0.2784, 0.2722

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.



54.8283, 0.3076, 0.2880



54.8283, 0.3436, 0.3801



54.8283, 0.2636, 0.2865

Square

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



54.8283, 0.3436, 0.3801



54.8283, 0.2674, 0.3285



54.8283, 0.2810, 0.2815



54.8283, 0.3599, 0.3267

Rectangle

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



54.8283, 0.3436, 0.3801



54.8283, 0.2967, 0.3633



54.8283, 0.2810, 0.2815



54.8283, 0.3272, 0.2980

Sweetspot

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



54.8307, 0.3436, 0.3801



99.0514, 0.3216, 0.3437



38.5451, 0.3537, 0.3291



21.1800, 0.3226, 0.3453



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.



54.8307, 0.3436, 0.3801



96.5442, 0.3506, 0.3917



52.2322, 0.3265, 0.3830



12.4166, 0.3265, 0.3518



34.0611, 0.4192, 0.5053



1.6129, 0.4192, 0.5053

Inverse Universe

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



35.3502, 0.2784, 0.2722



55.7053, 0.2695, 0.2576



37.5871, 0.2963, 0.2751



10.2878, 0.2983, 0.3051



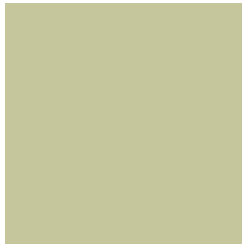
2.6523, 0.1500, 0.0600



0.1257, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 54.8283, 0.3436, 0.3801 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 54.8283, 0.3436, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

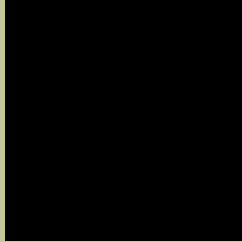
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

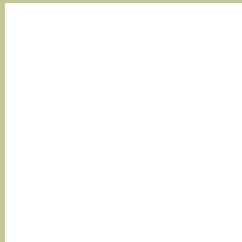
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8283, 0.3436, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 54.8283, 0.3436, 0.3801.



This preview shows how white text looks on a background with the Yxy color 54.8283, 0.3436, 0.3801.

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

54.8283, 0.3436, 0.3801

Protanopia

54.8404, 0.3537, 0.3764

Deuteranopia

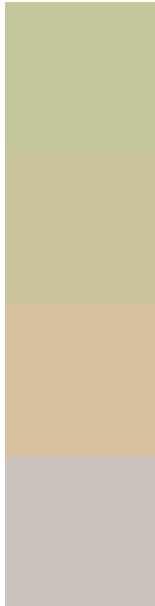
54.8005, 0.3700, 0.3626



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.8283, 0.3436, 0.3801

Protanomaly

54.7175, 0.3500, 0.3781

Deuteranomaly

54.7668, 0.3599, 0.3695

Tritanomaly

54.7710, 0.3237, 0.3363

Monochromacy



Original Color

54.8283, 0.3436, 0.3801

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9276, 0.3240, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8283, 0.3436, 0.3801 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 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(198, 198, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 157) }
```

Border

The CSS property to change the border of an element to Yxy 54.8283, 0.3436, 0.3801 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, 157) }
```

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

```
.border{ border-color:rgb(198, 198, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 157);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8283, 0.3436, 0.3801 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, 157) }
```

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

```
.background{ background-color: rgb(198,  
198, 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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