

Converting Colors

Yxy(54.9340, 0.3447, 0.3823)

Have a look what the booklet for
Yxy(54.9340, 0.3447, 0.3823)
contains.

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Color

Yxy(54.7942, 0.3444, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	C6C69C
RGB	198, 198, 156
RGB Percent	78%, 78%, 61%
CMY	0.2234, 0.2236, 0.3883
CMYK	0.00, 0.00, 0.21, 0.22
HSL	60°, 27%, 69%
HSV	60°, 21%, 78%
XYZ	49.4915, 54.7942, 39.4179
YIQ	193.2120, 13.4820, -13.0620

Conversions

Conversions Part 2

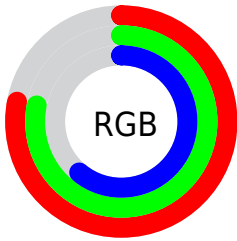
Format	Color
RYB	156, 198, 156
Decimal	13026972
CIELab	78.92, -6.89, 21.12
CIELCh	79, 22.215, 108.081
Yxy	54.7942, 0.3444, 0.3813
Android (android.graphics.Color)	4291217052 (0xFFC6C69C)
YUV	193.2120, -18.3455, 4.1991
Hunter-Lab	74.0231, -10.1961, 20.2438

Details

The Yxy color **54.7942, 0.3444, 0.3813** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9395, 0.2774, 0.2707**, and the grayscale version is **53.5680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **26.8957, 0.3522, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **54.1686, 0.3594, 0.4060**, and if you desaturate by 10%, it is **55.5341, 0.3293, 0.3564**.

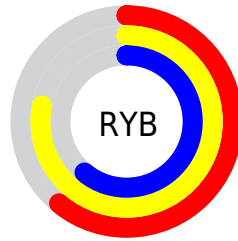
Distribution



Red (78%)

Green (78%)

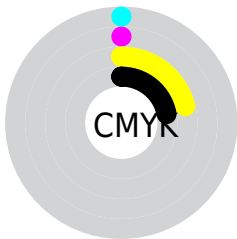
Blue (61%)



Red (61%)

Yellow (78%)

Blue (61%)

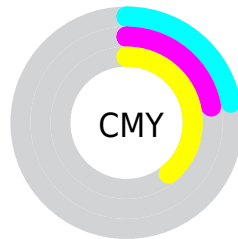


Cyan (0%)

Magenta (0%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (22%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.7942, 0.3444, 0.3813 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 54.7942, 0.3444, 0.3813 by changing the saturation by 10% instead.


 54.7942, 0.3444,
0.3813


 54.7942, 0.3444,
0.3813


405.1313, 0.3293,
0.3556

 39.2370, 0.3480,
0.3876


 97.2394, 0.3391,
0.3721

 26.9441, 0.3524,
0.3955


 124.8961, 0.3370,
0.3685

 17.5313, 0.3580,
0.4059


157.3548, 0.3353,
0.3656

 10.6140, 0.3654,
0.4201

194.9998, 0.3337,
0.3630

 5.8079, 0.3753,
0.4402

238.2156, 0.3324,
0.3608

 2.7286, 0.3894,
0.4716

287.3865, 0.3312,

 0.9918, 0.4372,

0.3588

0.5628

342.8970, 0.3302,
0.3571

0.0000, 0.0000,
0.0000

54.7942, 0.3444,
0.3813

54.7942, 0.3444,
0.3813

54.1686, 0.3594,
0.4060

55.5341, 0.3293,
0.3564

53.6446, 0.3737,
0.4297

56.3858, 0.3145,
0.3319

53.2190, 0.3869,
0.4514

57.3566, 0.3003,
0.3086

52.8855, 0.3982,
0.4700

58.4506, 0.2870,
0.2866

52.6371, 0.4073,
0.4850

59.6711, 0.2747,
0.2662

■ 52.4657, 0.4138,
0.4957

■ 59.6820, 0.2747,
0.2663

■ 52.3617, 0.4177,
0.5021

■ 59.6929, 0.2747,
0.2663

■ 52.3106, 0.4195,
0.5051

■ 59.7038, 0.2747,
0.2663

■ 59.7148, 0.2747,
0.2664

Harmonies

Analogous

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



54.7942, 0.3650, 0.3714



54.7942, 0.3444, 0.3813



54.7942, 0.3159, 0.3761

Triad

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



54.7942, 0.3444, 0.3813



54.7942, 0.2575, 0.3027



54.7942, 0.3371, 0.3037

Complementary

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



54.7942, 0.3444, 0.3813



34.9395, 0.2774, 0.2707

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.



54.7942, 0.3073, 0.2871



54.7942, 0.3444, 0.3813



54.7942, 0.2624, 0.2856

Square

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



54.7942, 0.3444, 0.3813



54.7942, 0.2664, 0.3286



54.7942, 0.2802, 0.2804



54.7942, 0.3610, 0.3266

Rectangle

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



54.7942, 0.3444, 0.3813



54.7942, 0.2965, 0.3642



54.7942, 0.2802, 0.2804



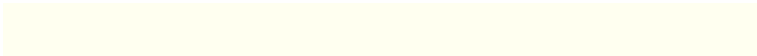
54.7942, 0.3274, 0.2972

Sweetspot

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



54.7966, 0.3444, 0.3813



99.0417, 0.3216, 0.3437



38.2113, 0.3543, 0.3282



21.1777, 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.



54.7966, 0.3444, 0.3813



96.5036, 0.3507, 0.3916



52.2401, 0.3274, 0.3843



12.4148, 0.3265, 0.3518



34.0032, 0.4195, 0.5051



1.6108, 0.4195, 0.5051

Inverse Universe

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



34.9395, 0.2774, 0.2707



55.7331, 0.2695, 0.2576



37.1222, 0.2952, 0.2736



10.2895, 0.2983, 0.3051



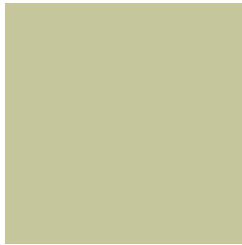
2.6558, 0.1500, 0.0601



0.1265, 0.1501, 0.0604

Previews

White Background



This preview shows how the Yxy color 54.7942, 0.3444, 0.3813 looks on a white background.

Color Contrast Check

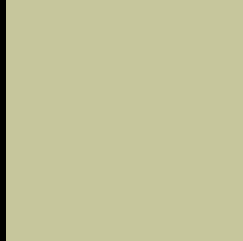
Large Text (above 18pt) WCAG AA × Fail

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 54.7942, 0.3444, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

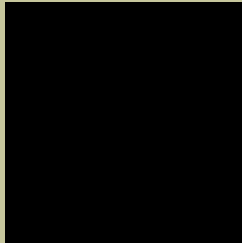
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

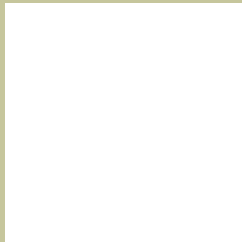
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7942, 0.3444, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 54.7942, 0.3444, 0.3813.



This preview shows how white text looks on a background with the Yxy color 54.7942, 0.3444, 0.3813.

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

54.7942, 0.3444, 0.3813

Protanopia

54.8067, 0.3545, 0.3776

Deuteranopia

54.7660, 0.3708, 0.3637



Tritanopia

54.6970, 0.3127, 0.3113

Trichromacy



Original Color

54.7942, 0.3444, 0.3813

Protanomaly

54.6838, 0.3508, 0.3794

Deuteranomaly

54.7325, 0.3607, 0.3707

Tritanomaly

54.7710, 0.3237, 0.3363

Monochromacy



Original Color

54.7942, 0.3444, 0.3813

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 54.7942, 0.3444, 0.3813 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 156) }
```

Border

The CSS property to change the border of an element to Yxy 54.7942, 0.3444, 0.3813 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, 156) }
```

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

```
.border{ border-color:rgb(198, 198, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 156);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7942, 0.3444, 0.3813 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, 156) }
```

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

```
.background{ background-color: rgb(198,  
198, 156) }
```

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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