

Converting Colors

$Yxy(54.0417, 0.3635, 0.3852)$

Have a look what the booklet for
Yxy(54.0417, 0.3635, 0.3852)
contains.

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Color

Yxy(53.9482, 0.3632, 0.3848)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D2C193 |
| RGB | 210, 193, 147 |
| RGB Percent | 82%, 76%, 58% |
| CMY | 0.1764, 0.2431, 0.4236 |
| CMYK | 0.00, 0.08, 0.30, 0.18 |
| HSL | 44°, 41%, 70% |
| HSV | 44°, 30%, 82% |
| XYZ | 50.9199, 53.9482, 35.3299 |
| YIQ | 192.8390, 24.8980, -10.7020 |

Conversions

Conversions Part 2

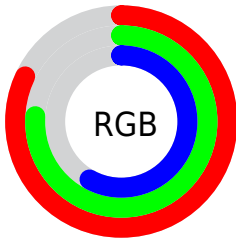
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 170, 210, 147 |
| Decimal | 13812115 |
| CIELab | 78.43, -0.94, 25.38 |
| CIELCh | 78, 25.398, 92.132 |
| Yxy | 53.9482, 0.3632, 0.3848 |
| Android (android.graphics.Color) | 4292002195 (0xFFD2C193) |
| YUV | 192.8390, -22.5986, 15.0502 |
| Hunter-Lab | 73.4494, -4.7887, 22.8955 |

Details

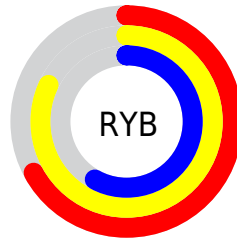
The Yxy color **53.9482, 0.3632, 0.3848** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.4164, 0.2627, 0.2661**, and the grayscale version is **53.3559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2284, 0.3459, 0.3765**, and **26.5693, 0.3763, 0.3998** is the 20% darker color. If you saturate the color by 10%, you get **50.8895, 0.3822, 0.4036**, and if you desaturate by 10%, it is **57.2284, 0.3451, 0.3657**.

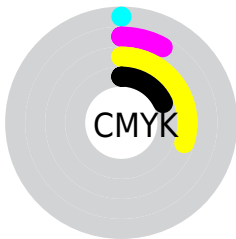
Distribution



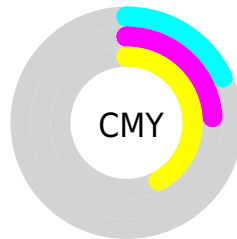
- Red (82%)
- Green (76%)
- Blue (58%)



- Red (67%)
- Yellow (82%)
- Blue (58%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (18%)





- Cyan (18%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9482, 0.3632, 0.3848 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 53.9482, 0.3632, 0.3848 by changing the saturation by 10% instead.


 53.9482, 0.3632,
0.3848


 53.9482, 0.3632,
0.3848


401.9125, 0.3388,
0.3577

 38.5602, 0.3690,
0.3912


 95.9982, 0.3546,
0.3752

 26.4178, 0.3762,
0.3993


 123.4290, 0.3512,
0.3715

 17.1365, 0.3854,
0.4097


155.6429, 0.3484,
0.3684

 10.3318, 0.3976,
0.4234

193.0243, 0.3460,
0.3657

 5.6195, 0.4140,
0.4421

235.9575, 0.3438,
0.3633

 2.6151, 0.4433,
0.4754

284.8271, 0.3419,

 0.9343, 0.4806,

0.3612

0.5194

340.0172, 0.3403,
0.3594

0.0000, 0.0000,
0.0000

53.9482, 0.3632,
0.3848

53.9482, 0.3632,
0.3848

50.8895, 0.3822,
0.4036

57.2284, 0.3451,
0.3657

48.0374, 0.4015,
0.4212

60.7300, 0.3282,
0.3470

45.3860, 0.4205,
0.4367


64.4619, 0.3127,
0.3290

42.9263, 0.4384,
0.4489


68.4306, 0.2986,
0.3121

40.6480, 0.4541,
0.4570

72.6421, 0.2860,
0.2963

 38.5392, 0.4671,
0.4602

 75.8873, 0.2845,
0.2994

 36.5810, 0.4773,
0.4592

 79.0435, 0.2848,
0.3055

 82.3029, 0.2852,
0.3116

 85.6666, 0.2855,
0.3176

Harmonies

Analogous

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



53.9482, 0.3790, 0.3658



53.9482, 0.3632, 0.3848



53.9482, 0.3341, 0.3890

Triad

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



53.9482, 0.3632, 0.3848



53.9482, 0.2531, 0.3134



53.9482, 0.3226, 0.2889

Complementary

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



53.9482, 0.3632, 0.3848



37.4164, 0.2627, 0.2661

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.



53.9482, 0.2889, 0.2756



53.9482, 0.3632, 0.3848



53.9482, 0.2503, 0.2879

Square

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



53.9482, 0.3632, 0.3848



53.9482, 0.2710, 0.3459



53.9482, 0.2630, 0.2748



53.9482, 0.3551, 0.3116

Rectangle

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



53.9482, 0.3632, 0.3848



53.9482, 0.3115, 0.3814



53.9482, 0.2630, 0.2748



53.9482, 0.3110, 0.2832

Sweetspot

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



53.9507, 0.3632, 0.3848



94.7166, 0.3268, 0.3453



37.2825, 0.3605, 0.3069



20.0964, 0.3291, 0.3480



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.



53.9507, 0.3632, 0.3848



80.6156, 0.3752, 0.3969



59.9982, 0.3466, 0.4063



13.2348, 0.3273, 0.3459



22.4817, 0.4763, 0.4600



1.3846, 0.4635, 0.4701

Inverse Universe

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



37.4164, 0.2627, 0.2661



50.9948, 0.2510, 0.2501



33.0610, 0.2714, 0.2445



11.9299, 0.2982, 0.3115



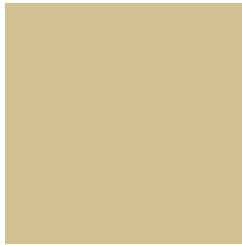
4.7512, 0.1595, 0.0941



0.3986, 0.1697, 0.1309

Previews

White Background



This preview shows how the Yxy color 53.9482, 0.3632, 0.3848 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 53.9482, 0.3632, 0.3848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

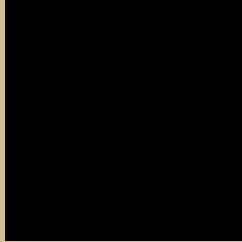
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.9482, 0.3632, 0.3848

Background



This preview shows how black text looks on a background with the Yxy color 53.9482, 0.3632, 0.3848.



This preview shows how white text looks on a background with the Yxy color 53.9482, 0.3632, 0.3848.

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

53.9482, 0.3632, 0.3848

Protanopia

54.1001, 0.3611, 0.3863

Deuteranopia

53.7499, 0.3809, 0.3729



Tritanopia

53.8869, 0.3268, 0.3128

Trichromacy



Original Color

53.9482, 0.3632, 0.3848

Protanomaly

54.2455, 0.3620, 0.3861

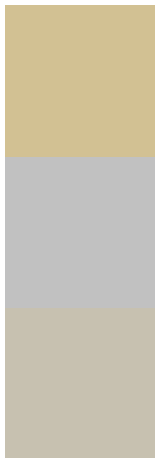
Deuteranomaly

53.9055, 0.3735, 0.3773

Tritanomaly

54.0275, 0.3401, 0.3386

Monochromacy



Original Color

53.9482, 0.3632, 0.3848

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.4166, 0.3307, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9482, 0.3632, 0.3848 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(210, 193, 147)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 147)  
}
```

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(210, 193, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 147) }
```

Border

The CSS property to change the border of an element to Yxy 53.9482, 0.3632, 0.3848 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(210, 193, 147) }
```

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

```
.border{ border-color:rgb(210, 193, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 147);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9482, 0.3632, 0.3848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 147) }
```

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

```
.background{ background-color: rgb(210,  
193, 147) }
```

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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