

Converting Colors

$Y_{xy}(55.2702, 0.3923, 0.3954)$

Have a look what the booklet for
Yxy(55.2702, 0.3923, 0.3954)
contains.

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Color

Yxy(54.9868, 0.3923, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	E4BE84
RGB	228, 190, 132
RGB Percent	89%, 75%, 52%
CMY	0.1057, 0.2549, 0.4823
CMYK	0.00, 0.17, 0.42, 0.11
HSL	36°, 64%, 71%
HSV	36°, 42%, 89%
XYZ	54.5833, 54.9868, 29.5665
YIQ	194.7500, 41.2660, -9.9820

Conversions

Conversions Part 2

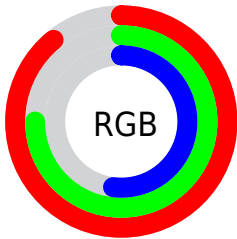
Format	Color
R _Y B	195, 228, 132
Decimal	14990980
CIE Lab	79.03, 5.97, 34.34
CIE LCh	79, 34.855, 80.132
Yxy	54.9868, 0.3923, 0.3952
Android (android.graphics.Color)	4293181060 (0xFFE4BE84)
YUV	194.7500, -30.9357, 29.1603
Hunter-Lab	74.1531, 1.6241, 28.2669

Details

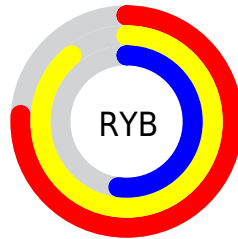
The Yxy color **54.9868, 0.3923, 0.3952** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.2797, 0.2427, 0.2515**, and the grayscale version is **54.5893, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7167, 0.3559, 0.3887**, and **27.1584, 0.4118, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **50.6385, 0.4152, 0.4099**, and if you desaturate by 10%, it is **59.7194, 0.3706, 0.3793**.

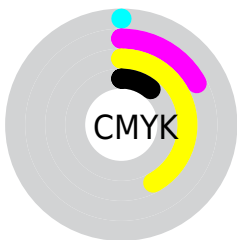
Distribution



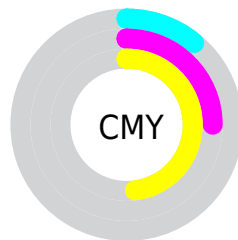
- Red (89%)
- Green (75%)
- Blue (52%)



- Red (76%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (17%)
- Yellow (42%)
- Black (11%)




- Cyan (11%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.9868, 0.3923, 0.3952 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 54.9868, 0.3923, 0.3952 by changing the saturation by 10% instead.


 54.9868, 0.3923,
0.3952

 54.9868, 0.3923,
0.3952


405.8619, 0.3540,
0.3642


 39.3912, 0.4012,
0.4021


 97.5216, 0.3788,
0.3845

 27.0642, 0.4123,
0.4106


 125.2296, 0.3736,
0.3803

 17.6214, 0.4261,
0.4209


 157.7438, 0.3692,
0.3767

 10.6785, 0.4439,
0.4335


195.4486, 0.3653,
0.3735

 5.8511, 0.4668,
0.4485

238.7284, 0.3620,
0.3708

 2.7548, 0.5164,
0.4836

287.9676, 0.3590,

 1.0051, 0.5277,

0.3683

0.4723

343.5507, 0.3564,
0.3662

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9868, 0.3923,
0.3952

54.9868, 0.3923,
0.3952

50.6385, 0.4152,
0.4099

59.7194, 0.3706,
0.3793

46.6533, 0.4386,
0.4225


64.8410, 0.3505,
0.3632


43.0194, 0.4614,
0.4315


70.3658, 0.3323,
0.3473

39.7205, 0.4824,
0.4361


76.3048, 0.3159,
0.3321


 36.7380, 0.5002,
0.4353

 82.6686, 0.3014,
0.3178

 34.5885, 0.5122,
0.4315

 88.5443, 0.2963,
0.3181

 94.1219, 0.2964,
0.3272

 95.2410, 0.2964,
0.3290

Harmonies

Analogous

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



54.9868, 0.4050, 0.3633



54.9868, 0.3923, 0.3952



54.9868, 0.3581, 0.4120

Triad

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



54.9868, 0.3923, 0.3952



54.9868, 0.2399, 0.3240



54.9868, 0.3067, 0.2669

Complementary

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



54.9868, 0.3923, 0.3952



39.2797, 0.2427, 0.2515

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.



54.9868, 0.2646, 0.2553



54.9868, 0.3923, 0.3952



54.9868, 0.2284, 0.2843

Square

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



54.9868, 0.3923, 0.3952



54.9868, 0.2702, 0.3697



54.9868, 0.2371, 0.2607



54.9868, 0.3536, 0.2922

Rectangle

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



54.9868, 0.3923, 0.3952



54.9868, 0.3287, 0.4095



54.9868, 0.2371, 0.2607



54.9868, 0.2915, 0.2613

Sweetspot

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



54.9894, 0.3923, 0.3952



89.9500, 0.3339, 0.3488



35.9222, 0.3770, 0.2848



18.9073, 0.3378, 0.3523



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.



54.9894, 0.3923, 0.3952



65.6744, 0.4134, 0.4088



72.1494, 0.3680, 0.4355



15.8085, 0.3277, 0.3432



20.2020, 0.5104, 0.4330



1.6730, 0.4935, 0.4463

Inverse Universe

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



39.2797, 0.2427, 0.2515



42.8148, 0.2270, 0.2307



27.8229, 0.2413, 0.2013



14.8194, 0.2981, 0.3144



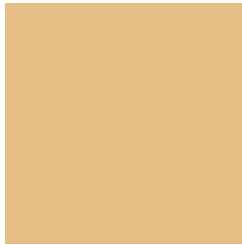
7.7061, 0.1682, 0.1256



0.7467, 0.1763, 0.1546

Previews

White Background



This preview shows how the Yxy color 54.9868, 0.3923, 0.3952 looks on a white background.

Color Contrast Check

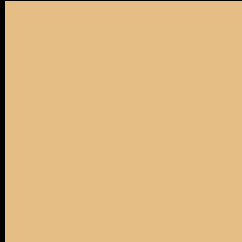
Large Text (above 18pt) WCAG AA × Fail

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 54.9868, 0.3923, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

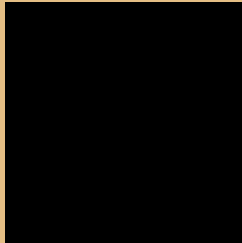
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9868, 0.3923, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 54.9868, 0.3923, 0.3952.



This preview shows how white text looks on a background with the Yxy color 54.9868, 0.3923, 0.3952.

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

54.9868, 0.3923, 0.3952

Protanopia

55.1981, 0.3739, 0.4032

Deuteranopia

54.7265, 0.3982, 0.3896



Tritanopia

54.9338, 0.3460, 0.3136

Trichromacy



Original Color

54.9868, 0.3923, 0.3952

Protanomaly

55.1825, 0.3808, 0.4007

Deuteranomaly

54.8157, 0.3960, 0.3911

Tritanomaly

54.8709, 0.3633, 0.3427

Monochromacy



Original Color

54.9868, 0.3923, 0.3952

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3839, 0.3406, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9868, 0.3923, 0.3952 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(228, 190, 132)` looks like.

```
.text, #text, p{  
    color:rgb(228, 190, 132)  
}
```

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(228, 190, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 190, 132) }
```

Border

The CSS property to change the border of an element to Yxy 54.9868, 0.3923, 0.3952 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(228, 190, 132) }
```

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

```
.border{ border-color:rgb(228, 190, 132) }
```

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

Here you see how a box with a 4 pixel rgb(228, 190, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 190, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 190, 132);  
box-shadow:4px 4px 4px 4px rgb(228, 190,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9868, 0.3923, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 190, 132) }
```

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

```
.background{ background-color: rgb(228,  
190, 132) }
```

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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