

# Converting Colors

$Yxy(55.9108, 0.3881, 0.3986)$

Have a look what the booklet for  
Yxy(55.9108, 0.3881, 0.3986)  
contains.

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# Color

**Yxy(55.8134, 0.3882, 0.3991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C184
RGB	225, 193, 132
RGB Percent	88%, 76%, 52%
CMY	0.1176, 0.2431, 0.4823
CMYK	0.00, 0.14, 0.41, 0.12
HSL	39°, 61%, 70%
HSV	39°, 41%, 88%
XYZ	54.2891, 55.8134, 29.7457
YIQ	195.6140, 38.6530, -12.1870

# Conversions

## Conversions Part 2

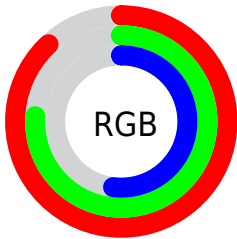
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	181, 225, 132
Decimal	14795140
CIE <sub>Lab</sub>	79.51, 3.18, 34.89
CIE <sub>LCh</sub>	80, 35.040, 84.788
Yxy	55.8134, 0.3882, 0.3991
Android (android.graphics.Color)	4292985220 (0xFFE1C184)
YUV	195.6140, -31.3617, 25.7715
Hunter-Lab	74.7084, -1.0273, 28.6891

# Details

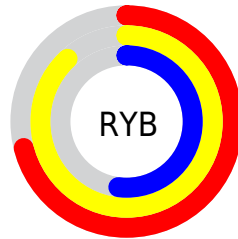
The Yxy color **55.8134, 0.3882, 0.3991** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **36.9021, 0.2430, 0.2464**, and the grayscale version is **55.1351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5565, 0.3552, 0.3915**, and **27.6751, 0.4069, 0.4169** is the 20% darker color. If you saturate the color by 10%, you get **51.9298, 0.4096, 0.4151**, and if you desaturate by 10%, it is **60.0144, 0.3676, 0.3820**.

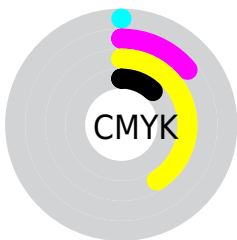
# Distribution



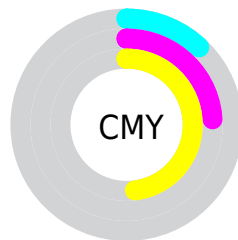
- Red (88%)
- Green (76%)
- Blue (52%)



- Red (71%)
- Yellow (88%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (12%)




- Cyan (12%)
- Magenta (24%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 55.8134, 0.3882, 0.3991 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 55.8134, 0.3882, 0.3991 by changing the saturation by 10% instead.





 55.8134, 0.3882,  
0.3991

 55.8134, 0.3882,  
0.3991


408.9879, 0.3521,  
0.3661


 40.0533, 0.3965,  
0.4066


 98.7317, 0.3756,  
0.3876

 27.5801, 0.4068,  
0.4157


 126.6587, 0.3707,  
0.3832

 18.0094, 0.4197,  
0.4269


 159.4102, 0.3665,  
0.3793

 10.9567, 0.4360,  
0.4409

197.3705, 0.3628,  
0.3760

 6.0377, 0.4568,  
0.4579

240.9240, 0.3596,  
0.3730

 2.8680, 0.5027,  
0.4973

290.4551, 0.3568,

 1.0632, 0.5087,

0.3704

0.4913

346.3483, 0.3543,  
0.3681

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

55.8134, 0.3882,  
0.3991

55.8134, 0.3882,  
0.3991

51.9298, 0.4096,  
0.4151

60.0144, 0.3676,  
0.3820

48.3445, 0.4311,  
0.4288


64.5354, 0.3484,  
0.3646


45.0476, 0.4517,  
0.4393


69.3890, 0.3307,  
0.3475

42.0252, 0.4704,  
0.4453


74.5844, 0.3147,  
0.3311

 39.2612, 0.4861,  
0.4461

 80.1305, 0.3004,  
0.3157

 37.0523, 0.4974,  
0.4433

 85.2371, 0.2943,  
0.3132

 89.8813, 0.2945,  
0.3211

 94.7224, 0.2946,  
0.3289

 94.7491, 0.2946,  
0.3289

# Harmonies

## Analogous

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



55.8134, 0.4047, 0.3688



55.8134, 0.3882, 0.3991



55.8134, 0.3516, 0.4125

# Triad

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



55.8134, 0.3882, 0.3991



55.8134, 0.2368, 0.3171



55.8134, 0.3140, 0.2700

# Complementary

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



55.8134, 0.3882, 0.3991



36.9021, 0.2430, 0.2464

# 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.



55.8134, 0.2704, 0.2560



55.8134, 0.3882, 0.3991



55.8134, 0.2284, 0.2794

# Square

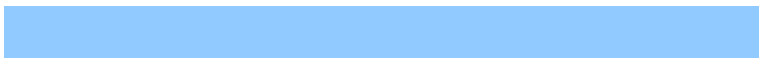
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8134, 0.3882, 0.3991



55.8134, 0.2644, 0.3629



55.8134, 0.2402, 0.2586



55.8134, 0.3604, 0.2971



# Rectangle

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



55.8134, 0.3882, 0.3991



55.8134, 0.3215, 0.4072



55.8134, 0.2402, 0.2586



55.8134, 0.2985, 0.2637

# Sweetspot

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



55.8160, 0.3882, 0.3991



91.6468, 0.3320, 0.3488



35.2160, 0.3805, 0.2910



19.4302, 0.3342, 0.3510



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.



55.8160, 0.3882, 0.3991



69.4515, 0.4075, 0.4136



69.3798, 0.3634, 0.4349



15.1937, 0.3276, 0.3443



21.5749, 0.4959, 0.4445



1.6603, 0.4811, 0.4562



# Inverse Universe

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



36.9021, 0.2430, 0.2464



41.0416, 0.2270, 0.2244



28.0506, 0.2466, 0.2053



14.0108, 0.2981, 0.3132



6.4233, 0.1643, 0.1113



0.6081, 0.1729, 0.1424



# Previews

## White Background



This preview shows how the Yxy color 55.8134, 0.3882, 0.3991 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 55.8134, 0.3882, 0.3991 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

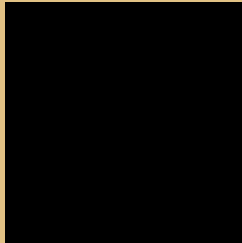
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 55.8134, 0.3882, 0.3991**

## **Background**



This preview shows how black text looks on a background with the Yxy color 55.8134, 0.3882, 0.3991.



This preview shows how white text looks on a background with the Yxy color 55.8134, 0.3882, 0.3991.

# 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

55.8134, 0.3882, 0.3991

### Protanopia

55.7999, 0.3744, 0.4040

### Deuteranopia

55.9215, 0.3990, 0.3913



## Tritanopia

55.9772, 0.3413, 0.3135

# Trichromacy



**Original Color**

55.8134, 0.3882, 0.3991

**Protanomaly**

55.9250, 0.3791, 0.4031

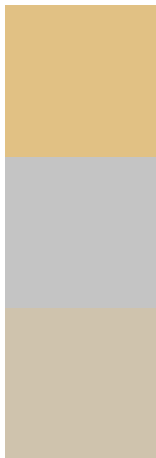
**Deuteranomaly**

55.6762, 0.3950, 0.3932

**Tritanomaly**

55.7196, 0.3582, 0.3439

# Monochromacy



**Original Color**

55.8134, 0.3882, 0.3991

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

55.3127, 0.3394, 0.3556

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 55.8134, 0.3882, 0.3991 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(225, 193, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 193, 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(225, 193, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 193, 132) }
```

## Border

The CSS property to change the border of an element to Yxy 55.8134, 0.3882, 0.3991 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(225, 193, 132) }
```

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

```
.border{ border-color:rgb(225, 193, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 193, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 193, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 193, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 193,  
132) }
```



# Background

The CSS property to change the background color of an element to Yxy 55.8134, 0.3882, 0.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 193, 132) }
```

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

```
.background{ background-color: rgb(225,  
193, 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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