

# Converting Colors

Yxy(54.0949, 0.4008, 0.3819)

Have a look what the booklet for  
Yxy(54.0949, 0.4008, 0.3819)  
contains.

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# **Color**

**Yxy(54.2357, 0.4007, 0.3824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EEB888
RGB	238, 184, 136
RGB Percent	93%, 72%, 53%
CMY	0.0669, 0.2783, 0.4667
CMYK	0.00, 0.23, 0.43, 0.07
HSL	28°, 75%, 73%
HSV	28°, 43%, 93%
XYZ	56.8312, 54.2357, 30.7629
YIQ	194.6740, 47.5920, -3.4800

# Conversions

## Conversions Part 2

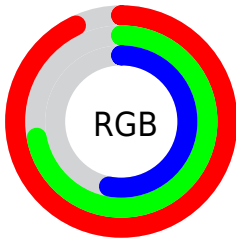
Format	Color
R <sub>Y</sub> B	238, 227, 136
Decimal	15644808
CIE Lab	78.60, 13.48, 31.87
CIE LCh	79, 34.598, 67.077
Yxy	54.2357, 0.4007, 0.3824
Android (android.graphics.Color)	4293834888 (0xFFEEB888)
YUV	194.6740, -28.9263, 37.9969
Hunter-Lab	73.6449, 8.8685, 26.7849

# Details

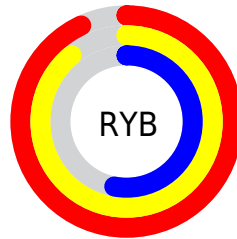
The Yxy color **54.2357, 0.4007, 0.3824** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.1939, 0.2443, 0.2677**, and the grayscale version is **54.5226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2979, 0.3548, 0.3791**, and **26.6078, 0.4230, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **48.6363, 0.4279, 0.3940**, and if you desaturate by 10%, it is **60.4557, 0.3758, 0.3698**.

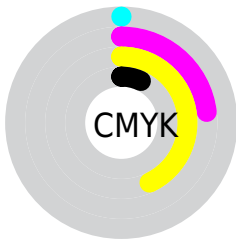
# Distribution



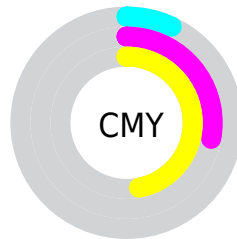
- Red (93%)
- Green (72%)
- Blue (53%)



- Red (93%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (43%)
- Black (7%)



- Cyan (7%)
- Magenta (28%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2357, 0.4007, 0.3824 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 54.2357, 0.4007, 0.3824 by changing the saturation by 10% instead.





 54.2357, 0.4007,  
0.3824

 54.2357, 0.4007,  
0.3824


403.0082, 0.3579,  
0.3580

 38.7901, 0.4108,  
0.3877

 96.4202, 0.3855,  
0.3741

 26.5965, 0.4235,  
0.3939


 123.9280, 0.3797,  
0.3709

 17.2704, 0.4396,  
0.4014


 156.2253, 0.3747,  
0.3680

 10.4275, 0.4607,  
0.4101

193.6964, 0.3704,  
0.3655

 5.6833, 0.4887,  
0.4196

236.7259, 0.3667,  
0.3633

 2.6535, 0.5507,  
0.4469

285.6981, 0.3634,

 0.9536, 0.5764,

0.3614

0.4236

340.9974, 0.3605,  
0.3596

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.2357, 0.4007,  
0.3824

54.2357, 0.4007,  
0.3824

48.6363, 0.4279,  
0.3940

60.4557, 0.3758,  
0.3698

43.6274, 0.4567,  
0.4034

67.3091, 0.3536,  
0.3569

39.1880, 0.4857,  
0.4093

74.8182, 0.3341,  
0.3443

35.2918, 0.5132,  
0.4105

83.0017, 0.3171,  
0.3323

■ 31.9093, 0.5370,  
0.4061

■ 91.8772, 0.3024,  
0.3211

■ 29.7798, 0.5516,  
0.4002

■ 96.9083, 0.3023,  
0.3290

# Harmonies

## Analogous

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



54.2357, 0.4018, 0.3473



54.2357, 0.4007, 0.3824



54.2357, 0.3749, 0.4070

# Triad

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



54.2357, 0.4007, 0.3824



54.2357, 0.2512, 0.3441



54.2357, 0.2871, 0.2601

# Complementary

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



54.2357, 0.4007, 0.3824



48.1939, 0.2443, 0.2677

# 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.



54.2357, 0.2507, 0.2556



54.2357, 0.4007, 0.3824



54.2357, 0.2311, 0.3001

# Square

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



54.2357, 0.4007, 0.3824



54.2357, 0.2880, 0.3868



54.2357, 0.2311, 0.2689



54.2357, 0.3334, 0.2799



# Rectangle

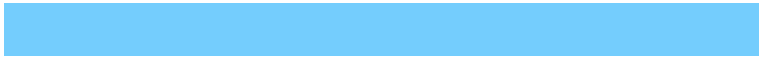
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.2357, 0.4007, 0.3824



54.2357, 0.3482, 0.4123



54.2357, 0.2311, 0.2689



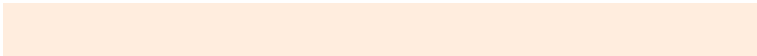
54.2357, 0.2734, 0.2568

# Sweetspot

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



54.2383, 0.4007, 0.3824



87.3656, 0.3345, 0.3445



39.5088, 0.3641, 0.2694



18.2695, 0.3386, 0.3473



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.



54.2383, 0.4007, 0.3824



57.9501, 0.4233, 0.3922



79.1052, 0.3779, 0.4316



16.9869, 0.3281, 0.3402



16.8766, 0.5491, 0.4022



1.6016, 0.5276, 0.4193

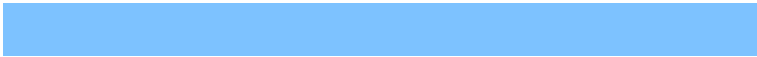


# Inverse Universe

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



48.1939, 0.2443, 0.2677



50.0395, 0.2314, 0.2532



29.9829, 0.2330, 0.2004



16.6127, 0.2980, 0.3176



12.0119, 0.1799, 0.1676



1.1984, 0.1862, 0.1904



# Previews

## White Background



This preview shows how the Yxy color 54.2357, 0.4007, 0.3824 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 54.2357, 0.4007, 0.3824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

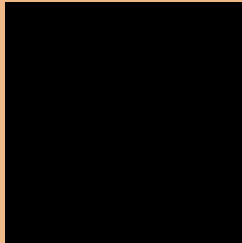
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.2357, 0.4007, 0.3824**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.2357, 0.4007, 0.3824.



This preview shows how white text looks on a background with the Yxy color 54.2357, 0.4007, 0.3824.

# 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

54.2357, 0.4007, 0.3824

### Protanopia

54.6253, 0.3680, 0.3955

### Deuteranopia

54.0512, 0.3945, 0.3857



## Tritanopia

54.2167, 0.3601, 0.3150

# Trichromacy



**Original Color**

54.2357, 0.4007, 0.3824

**Protanomaly**

54.3413, 0.3791, 0.3902

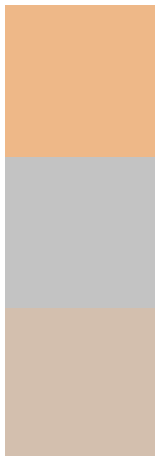
**Deuteranomaly**

53.9679, 0.3967, 0.3842

**Tritanomaly**

54.2456, 0.3754, 0.3402

# Monochromacy



**Original Color**

54.2357, 0.4007, 0.3824

**Achromatopsia**

54.5724, 0.3127, 0.3290

**Achromatomaly**

54.1665, 0.3428, 0.3495

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.2357, 0.4007, 0.3824 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(238, 184, 136)` looks like.

```
.text, #text, p{  
    color:rgb(238, 184, 136)  
}
```

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(238, 184, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 184, 136) }
```

## Border

The CSS property to change the border of an element to Yxy 54.2357, 0.4007, 0.3824 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(238, 184, 136) }
```

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

```
.border{ border-color:rgb(238, 184, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 184, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 184, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 184, 136);  
box-shadow:4px 4px 4px 4px rgb(238, 184,  
136) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.2357, 0.4007, 0.3824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 184, 136) }
```

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

```
.background{ background-color: rgb(238,  
184, 136) }
```

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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