

# Converting Colors

$Yxy(53.4392, 0.4009, 0.3791)$

Have a look what the booklet for  
Yxy(53.4392, 0.4009, 0.3791)  
contains.

<b>Yxy(53.4392, 0.4009, 0.3791)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(53.4392, 0.4009, 0.3791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EEB689
RGB	238, 182, 137
RGB Percent	93%, 71%, 54%
CMY	0.0665, 0.2863, 0.4626
CMYK	0.00, 0.24, 0.42, 0.07
HSL	27°, 75%, 74%
HSV	27°, 42%, 93%
XYZ	56.5122, 53.4392, 31.0119
YIQ	193.6140, 47.8210, -2.1230

# Conversions

## Conversions Part 2

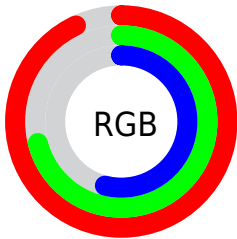
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	238, 218, 137
Decimal	15644297
CIE Lab	78.13, 14.69, 30.71
CIE LCh	78, 34.044, 64.433
Yxy	53.4392, 0.4009, 0.3791
Android (android.graphics.Color)	4293834377 (0xFFEEB689)
YUV	193.6140, -27.9107, 38.9265
Hunter-Lab	73.1021, 10.0622, 26.0190

# Details

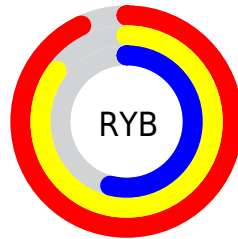
The Yxy color **53.4392, 0.4009, 0.3791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.6635, 0.2455, 0.2719**, and the grayscale version is **53.8590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1707, 0.3546, 0.3762**, and **26.0919, 0.4235, 0.3892** is the 20% darker color. If you saturate the color by 10%, you get **47.6759, 0.4288, 0.3901**, and if you desaturate by 10%, it is **59.8685, 0.3756, 0.3671**.

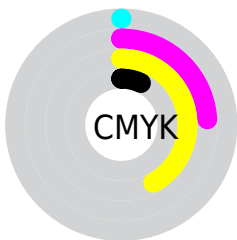
# Distribution



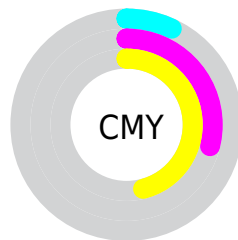
- Red (93%)
- Green (71%)
- Blue (54%)



- Red (93%)
- Yellow (85%)
- Blue (54%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (7%)




- Cyan (7%)
- Magenta (29%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4392, 0.4009, 0.3791 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 53.4392, 0.4009, 0.3791 by changing the saturation by 10% instead.





 53.4392, 0.4009,  
0.3791


 53.4392, 0.4009,  
0.3791


399.9679, 0.3578,  
0.3563


 38.1535, 0.4112,  
0.3840


 95.2503, 0.3856,  
0.3714

 26.1018, 0.4240,  
0.3898


 122.5446, 0.3797,  
0.3683

 16.8998, 0.4405,  
0.3968


 154.6104, 0.3747,  
0.3656

 10.1631, 0.4621,  
0.4048

191.8323, 0.3704,  
0.3633

 5.5072, 0.4911,  
0.4134

234.5946, 0.3666,  
0.3612

 2.5478, 0.5547,  
0.4386

283.2817, 0.3633,

 0.9005, 0.5855,

0.3594

0.4145

338.2780, 0.3604,  
0.3578

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.4392, 0.4009,  
0.3791

53.4392, 0.4009,  
0.3791

47.6759, 0.4288,  
0.3901

59.8685, 0.3756,  
0.3671

42.5467, 0.4587,  
0.3990


66.9786, 0.3531,  
0.3549


38.0285, 0.4890,  
0.4045


74.7936, 0.3335,  
0.3430

34.0928, 0.5179,  
0.4053

83.3337, 0.3165,  
0.3316

 30.7079, 0.5431,  
0.4007

 92.5511, 0.3024,  
0.3221

 28.4841, 0.5593,  
0.3941

 96.9224, 0.3024,  
0.3290

# Harmonies

## Analogous

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



53.4392, 0.3996, 0.3440



53.4392, 0.4009, 0.3791



53.4392, 0.3773, 0.4047

# Triad

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



53.4392, 0.4009, 0.3791



53.4392, 0.2545, 0.3479



53.4392, 0.2837, 0.2598

# Complementary

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



53.4392, 0.4009, 0.3791



49.6635, 0.2455, 0.2719

# 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.



53.4392, 0.2489, 0.2568



53.4392, 0.4009, 0.3791



53.4392, 0.2329, 0.3039

# Square

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



53.4392, 0.4009, 0.3791



53.4392, 0.2921, 0.3892



53.4392, 0.2311, 0.2716



53.4392, 0.3291, 0.2782



# Rectangle

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



53.4392, 0.4009, 0.3791



53.4392, 0.3516, 0.4113



53.4392, 0.2311, 0.2716



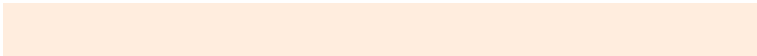
53.4392, 0.2705, 0.2569

# Sweetspot

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



53.4418, 0.4009, 0.3791



86.8675, 0.3346, 0.3437



39.9876, 0.3598, 0.2665



18.1469, 0.3388, 0.3463



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.



53.4418, 0.4009, 0.3791



56.5432, 0.4252, 0.3888



77.3074, 0.3787, 0.4277



16.9173, 0.3282, 0.3396



16.1360, 0.5566, 0.3962



1.5378, 0.5341, 0.4141



# Inverse Universe

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



49.6635, 0.2455, 0.2719



51.5555, 0.2323, 0.2576



31.3688, 0.2346, 0.2062



16.6831, 0.2980, 0.3182



12.9198, 0.1824, 0.1765



1.2730, 0.1884, 0.1983



# Previews

## White Background



This preview shows how the Yxy color 53.4392, 0.4009, 0.3791 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

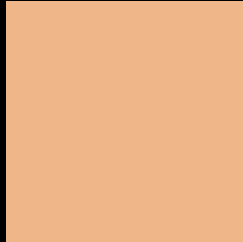
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.4392, 0.4009, 0.3791 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

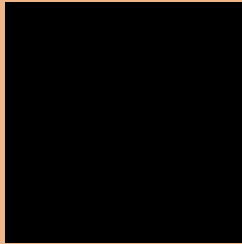
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.4392, 0.4009, 0.3791**

## Background



This preview shows how black text looks on a background with the Yxy color 53.4392, 0.4009, 0.3791.



This preview shows how white text looks on a background with the Yxy color 53.4392, 0.4009, 0.3791.

# 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

53.4392, 0.4009, 0.3791

### Protanopia

53.5028, 0.3654, 0.3912

### Deuteranopia

53.2985, 0.3931, 0.3850



## Tritanopia

53.3888, 0.3615, 0.3139

# Trichromacy



**Original Color**

53.4392, 0.4009, 0.3791

**Protanomaly**

53.3487, 0.3783, 0.3870

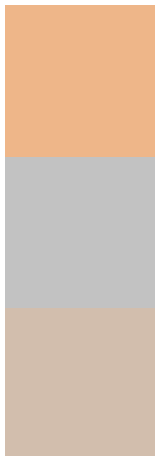
**Deuteranomaly**

53.3822, 0.3963, 0.3833

**Tritanomaly**

53.4438, 0.3760, 0.3380

# Monochromacy



**Original Color**

53.4392, 0.4009, 0.3791

**Achromatopsia**

53.9479, 0.3127, 0.3290

**Achromatomaly**

53.5457, 0.3430, 0.3496

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.4392, 0.4009, 0.3791 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, 182, 137)` looks like.

```
.text, #text, p{  
    color:rgb(238, 182, 137)  
}
```

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, 182, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 182, 137) }
```

## Border

The CSS property to change the border of an element to Yxy 53.4392, 0.4009, 0.3791 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, 182, 137) }
```

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

```
.border{ border-color:rgb(238, 182, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 182, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 182, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 182, 137); box-shadow:4px 4px 4px 4px rgb(238, 182, 137) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.4392, 0.4009, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 182, 137) }
```

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

```
.background{ background-color: rgb(238,  
182, 137) }
```

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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