

# Converting Colors

$Yxy(60.9592, 0.3914, 0.4041)$

Have a look what the booklet for  
Yxy(60.9592, 0.3914, 0.4041)  
contains.

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# **Color**

**Yxy(60.9592, 0.3914, 0.4041)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EAC985
RGB	234, 201, 133
RGB Percent	92%, 79%, 52%
CMY	0.0825, 0.2117, 0.4784
CMYK	0.00, 0.14, 0.43, 0.08
HSL	40°, 71%, 72%
HSV	40°, 43%, 92%
XYZ	59.0434, 60.9592, 30.8492
YIQ	203.1150, 41.4960, -14.1520

# Conversions

## Conversions Part 2

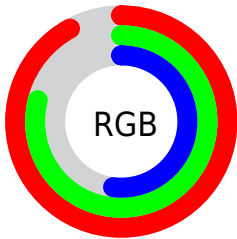
Format	Color
<a href="#">RYB</a>	<a href="#">182, 234, 133</a>
Decimal	<a href="#">15387013</a>
CIELab	<a href="#">82.36, 2.67, 38.22</a>
CIELCh	<a href="#">82, 38.316, 85.997</a>
Yxy	<a href="#">60.9592, 0.3914, 0.4041</a>
Android (android.graphics.Color)	<a href="#">4293577093</a> ( <a href="#">0xFFEAC985</a> )
YUV	<a href="#">203.1150, -34.5667, 27.0861</a>
Hunter-Lab	<a href="#">78.0764, -1.6473, 31.2271</a>

# Details

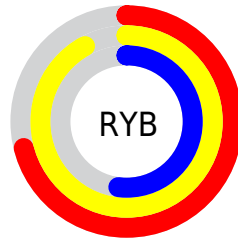
The Yxy color **60.9592, 0.3914, 0.4041** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **38.1829, 0.2392, 0.2394**, and the grayscale version is **59.9989, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3679, 0.3532, 0.3959**, and **30.7067, 0.4096, 0.4212** is the 20% darker color. If you saturate the color by 10%, you get **56.9135, 0.4124, 0.4201**, and if you desaturate by 10%, it is **65.3316, 0.3710, 0.3867**.

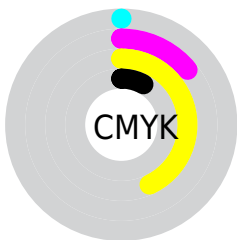
# Distribution



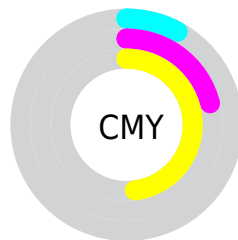
- Red (92%)
- Green (79%)
- Blue (52%)



- Red (71%)
- Yellow (92%)
- Blue (52%)



- Cyan (0%)
- Magenta (14%)
- Yellow (43%)
- Black (8%)




- Cyan (8%)
- Magenta (21%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9592, 0.3914, 0.4041 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 60.9592, 0.3914, 0.4041 by changing the saturation by 10% instead.




 60.9592, 0.3914,  
0.4041

 60.9592, 0.3914,  
0.4041


428.1244, 0.3545,  
0.3693

 44.1922, 0.3997,  
0.4118


 106.2199, 0.3786,  
0.3922

 30.8217, 0.4098,  
0.4211

 135.4823, 0.3736,  
0.3875

 20.4631, 0.4223,  
0.4324


 169.6788, 0.3693,  
0.3834

 12.7321, 0.4378,  
0.4463

209.1936, 0.3656,  
0.3799

 7.2443, 0.4571,  
0.4629

254.4112, 0.3623,  
0.3768

 3.6154, 0.4978,  
0.4991

305.7159, 0.3594,

 1.4608, 0.5035,

0.3740

0.4965

363.4922, 0.3568,  
0.3715

0.2609, 0.5456,  
0.4544

0.0000, 0.0000,  
0.0000

60.9592, 0.3914,  
0.4041

60.9592, 0.3914,  
0.4041

56.9135, 0.4124,  
0.4201

65.3316, 0.3710,  
0.3867

53.1737, 0.4332,  
0.4337

70.0334, 0.3516,  
0.3688


49.7292, 0.4528,  
0.4437


75.0780, 0.3338,  
0.3512


46.5648, 0.4702,  
0.4490


80.4752, 0.3175,  
0.3342


 43.6626, 0.4845,  
0.4493

 86.2345, 0.3028,  
0.3181

 41.8075, 0.4927,  
0.4470

 91.1229, 0.2999,  
0.3208

 95.8844, 0.2999,  
0.3284

 96.2259, 0.2999,  
0.3290

# Harmonies

## Analogous

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



60.9592, 0.4102, 0.3722



60.9592, 0.3914, 0.4041



60.9592, 0.3518, 0.4179

# Triad

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



60.9592, 0.3914, 0.4041



60.9592, 0.2316, 0.3142



60.9592, 0.3159, 0.2676

# Complementary

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



60.9592, 0.3914, 0.4041



38.1829, 0.2392, 0.2394

# 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.



60.9592, 0.2694, 0.2523



60.9592, 0.3914, 0.4041



60.9592, 0.2237, 0.2750

# Square

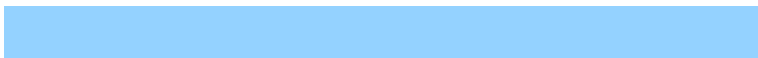
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.9592, 0.3914, 0.4041



60.9592, 0.2599, 0.3631



60.9592, 0.2369, 0.2541



60.9592, 0.3651, 0.2965



# Rectangle

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



60.9592, 0.3914, 0.4041



60.9592, 0.3198, 0.4116



60.9592, 0.2369, 0.2541



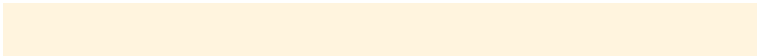
60.9592, 0.2994, 0.2608

# Sweetspot

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



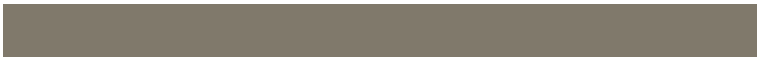
60.9621, 0.3914, 0.4041



91.3369, 0.3336, 0.3510



37.0426, 0.3871, 0.2911



19.2507, 0.3374, 0.3549



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.



60.9621, 0.3914, 0.4041



69.6262, 0.4105, 0.4188



75.2904, 0.3643, 0.4402



16.7503, 0.3276, 0.3448



23.7408, 0.4912, 0.4482



2.0382, 0.4788, 0.4580



# Inverse Universe

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



38.1829, 0.2392, 0.2394



38.5401, 0.2228, 0.2163



29.1861, 0.2442, 0.1992



15.3517, 0.2980, 0.3127



6.4747, 0.1629, 0.1064



0.6779, 0.1706, 0.1339



# Previews

## White Background



This preview shows how the Yxy color 60.9592, 0.3914, 0.4041 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 60.9592, 0.3914, 0.4041 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 60.9592, 0.3914, 0.4041**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.9592, 0.3914, 0.4041.



This preview shows how white text looks on a background with the Yxy color 60.9592, 0.3914, 0.4041.

# 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

60.9592, 0.3914, 0.4041

### Protanopia

61.0999, 0.3789, 0.4088

### Deuteranopia

60.7939, 0.4033, 0.3951



## Tritanopia

60.9050, 0.3412, 0.3130

# Trichromacy



## Original Color

60.9592, 0.3914, 0.4041

## Protanomaly

61.2379, 0.3834, 0.4078

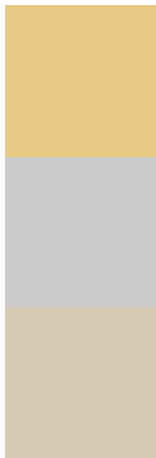
## Deuteranomaly

60.9866, 0.3989, 0.3981

## Tritanomaly

60.5026, 0.3600, 0.3456

# Monochromacy



## Original Color

60.9592, 0.3914, 0.4041

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

59.7516, 0.3400, 0.3572

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.9592, 0.3914, 0.4041 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(234, 201, 133)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 133)  
}
```

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(234, 201, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 133) }
```

## Border

The CSS property to change the border of an element to Yxy 60.9592, 0.3914, 0.4041 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(234, 201, 133) }
```

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

```
.border{ border-color:rgb(234, 201, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 201, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 133);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
133) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.9592, 0.3914, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 201, 133) }
```

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

```
.background{ background-color: rgb(234,  
201, 133) }
```

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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