

# Converting Colors

Yxy(61.2350, 0.3691, 0.3908)

Have a look what the booklet for  
Yxy(61.2350, 0.3691, 0.3908)  
contains.

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# Color

**Yxy(61.2350, 0.3691, 0.3908)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CC96
RGB	224, 204, 150
RGB Percent	88%, 80%, 59%
CMY	0.1216, 0.2000, 0.4118
CMYK	0.00, 0.09, 0.33, 0.12
HSL	44°, 54%, 73%
HSV	44°, 33%, 88%
XYZ	57.8348, 61.2350, 37.6216
YIQ	203.8240, 29.2540, -12.5540

# Conversions

## Conversions Part 2

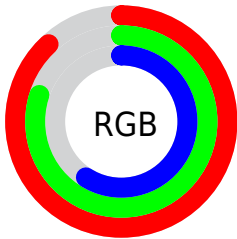
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	177, 224, 150
Decimal	14732438
CIE Lab	82.50, -0.89, 29.49
CIE LCh	83, 29.507, 91.738
Yxy	61.2350, 0.3691, 0.3908
Android (android.graphics.Color)	4292922518 (0xFFE0CC96)
YUV	203.8240, -26.5352, 17.6944
Hunter-Lab	78.2528, -5.0172, 26.2721

# Details

The Yxy color **61.2350, 0.3691, 0.3908** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6025, 0.2570, 0.2583**, and the grayscale version is **60.4237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **31.0384, 0.3826, 0.4052** is the 20% darker color. If you saturate the color by 10%, you get **57.7646, 0.3883, 0.4094**, and if you desaturate by 10%, it is **64.9606, 0.3506, 0.3717**.

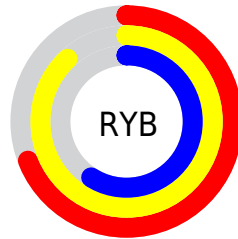
# Distribution



Red (88%)

Green (80%)

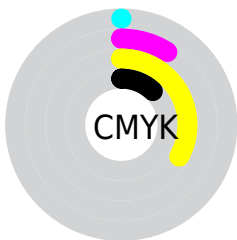
Blue (59%)



Red (69%)

Yellow (88%)

Blue (59%)

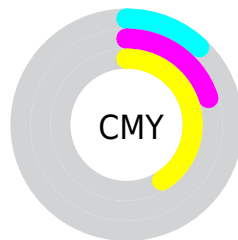


Cyan (0%)

Magenta (9%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (20%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2350, 0.3691, 0.3908 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 61.2350, 0.3691, 0.3908 by changing the saturation by 10% instead.




 61.2350, 0.3691,  
0.3908


 61.2350, 0.3691,  
0.3908


429.1351, 0.3425,  
0.3616

 44.4148, 0.3752,  
0.3975


 106.6191, 0.3598,  
0.3806

 30.9968, 0.3827,  
0.4059


 135.9519, 0.3562,  
0.3766

 20.5964, 0.3922,  
0.4164


170.2243, 0.3531,  
0.3732

 12.8293, 0.4043,  
0.4299

209.8208, 0.3505,  
0.3703

 7.3111, 0.4201,  
0.4477

255.1257, 0.3481,  
0.3677

 3.6574, 0.4426,  
0.4732

306.5235, 0.3460,

 1.4838, 0.4818,

0.3654

0.5182

364.3985, 0.3442,  
0.3634

0.2773, 0.4657,  
0.5343

0.0000, 0.0000,  
0.0000

61.2350, 0.3691,  
0.3908

61.2350, 0.3691,  
0.3908

57.7646, 0.3883,  
0.4094

64.9606, 0.3506,  
0.3717

54.5318, 0.4077,  
0.4265

68.9414, 0.3333,  
0.3527

51.5294, 0.4265,  
0.4411

73.1881, 0.3173,  
0.3344

48.7465, 0.4438,  
0.4521

77.7084, 0.3027,  
0.3170

46.1705, 0.4588,  
0.4587

82.0511, 0.2936,  
0.3077

43.7864, 0.4707,  
0.4603

85.5582, 0.2937,  
0.3140

42.2234, 0.4775,  
0.4590

89.1840, 0.2938,  
0.3202

92.9297, 0.2940,  
0.3263

94.5853, 0.2940,  
0.3289

# Harmonies

## Analogous

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



61.2350, 0.3866, 0.3691



61.2350, 0.3691, 0.3908



61.2350, 0.3368, 0.3962

# Triad

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



61.2350, 0.3691, 0.3908



61.2350, 0.2469, 0.3118



61.2350, 0.3231, 0.2844

# Complementary

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



61.2350, 0.3691, 0.3908



40.6025, 0.2570, 0.2583

# 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.



61.2350, 0.2857, 0.2699



61.2350, 0.3691, 0.3908



61.2350, 0.2436, 0.2834

# Square

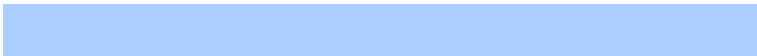
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2350, 0.3691, 0.3908



61.2350, 0.2667, 0.3482



61.2350, 0.2573, 0.2690



61.2350, 0.3595, 0.3092



# Rectangle

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



61.2350, 0.3691, 0.3908



61.2350, 0.3117, 0.3880



61.2350, 0.2573, 0.2690



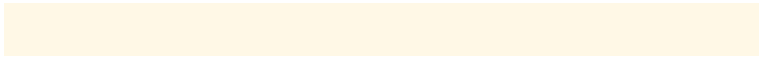
61.2350, 0.3101, 0.2782

# Sweetspot

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



61.2378, 0.3691, 0.3908



94.1510, 0.3284, 0.3472



40.5943, 0.3674, 0.3044



19.9826, 0.3307, 0.3498



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.



61.2378, 0.3691, 0.3908



78.7514, 0.3830, 0.4044



68.9096, 0.3500, 0.4147



15.3708, 0.3274, 0.3460



24.7797, 0.4764, 0.4599



1.8633, 0.4657, 0.4685



# Inverse Universe

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



40.6025, 0.2570, 0.2583



46.8523, 0.2434, 0.2395



35.3012, 0.2662, 0.2344



13.8423, 0.2981, 0.3114



5.2060, 0.1593, 0.0935



0.5070, 0.1677, 0.1236



# Previews

## White Background



This preview shows how the Yxy color 61.2350, 0.3691, 0.3908 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

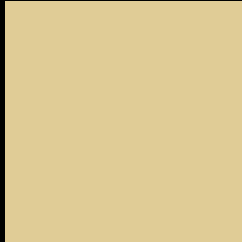
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.2350, 0.3691, 0.3908 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

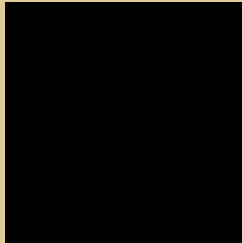
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.2350, 0.3691, 0.3908**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.2350, 0.3691, 0.3908.



This preview shows how white text looks on a background with the Yxy color 61.2350, 0.3691, 0.3908.

# 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

61.2350, 0.3691, 0.3908

### Protanopia

61.2368, 0.3663, 0.3924

### Deuteranopia

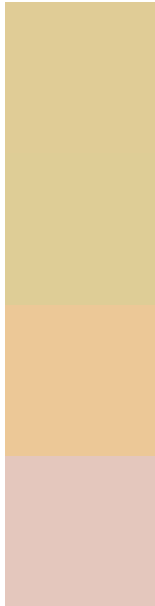
61.2216, 0.3870, 0.3790



## Tritanopia

61.1719, 0.3294, 0.3126

# Trichromacy



## Original Color

61.2350, 0.3691, 0.3908

## Protanomaly

61.3942, 0.3671, 0.3922

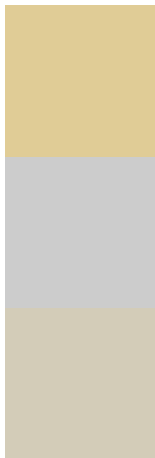
## Deuteranomaly

61.3758, 0.3799, 0.3833

## Tritanomaly

61.0150, 0.3436, 0.3403

# Monochromacy



## Original Color

61.2350, 0.3691, 0.3908

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.4953, 0.3328, 0.3525

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.2350, 0.3691, 0.3908 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(224, 204, 150)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 150)  
}
```

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(224, 204, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 150) }
```

## Border

The CSS property to change the border of an element to Yxy 61.2350, 0.3691, 0.3908 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(224, 204, 150) }
```

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

```
.border{ border-color:rgb(224, 204, 150) }
```

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

Here you see how a box with a 4 pixel rgb(224, 204, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 150);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
150) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.2350, 0.3691, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 204, 150) }
```

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

```
.background{ background-color: rgb(224,  
204, 150) }
```

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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