

# Converting Colors

Yxy(61.3131, 0.3713, 0.3948)

Have a look what the booklet for  
Yxy(61.3131, 0.3713, 0.3948)  
contains.

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# Color

**Yxy(61.1396, 0.3714, 0.3942)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E0CC93
RGB	224, 204, 147
RGB Percent	88%, 80%, 58%
CMY	0.1215, 0.2000, 0.4237
CMYK	0.00, 0.09, 0.34, 0.12
HSL	44°, 55%, 73%
HSV	44°, 34%, 88%
XYZ	57.6034, 61.1396, 36.3550
YIQ	203.4820, 30.2170, -13.4870

# Conversions

## Conversions Part 2

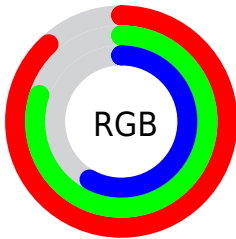
Format	Color
<a href="#">RYB</a>	<a href="#">174, 224, 147</a>
Decimal	<a href="#">14732435</a>
CIELab	<a href="#">82.45, -1.24, 31.00</a>
CIElCh	<a href="#">82, 31.023, 92.291</a>
Yxy	<a href="#">61.1396, 0.3714, 0.3942</a>
Android (android.graphics.Color)	<a href="#">4292922515</a> ( <a href="#">0xFFE0CC93</a> )
YUV	<a href="#">203.4820, -27.8456, 17.9943</a>
Hunter-Lab	<a href="#">78.1918, -5.3360, 27.1676</a>

# Details

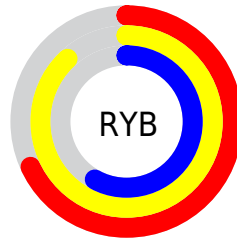
The Yxy color **61.1396, 0.3714, 0.3942** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.2183, 0.2543, 0.2537**, and the grayscale version is **60.2059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **30.9821, 0.3855, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **57.7903, 0.3905, 0.4129**, and if you desaturate by 10%, it is **64.7349, 0.3529, 0.3749**.

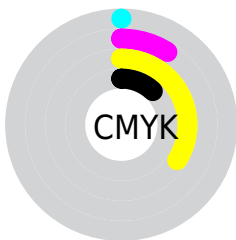
# Distribution



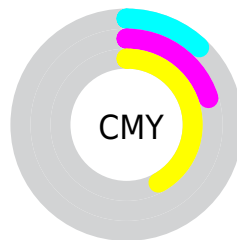
- Red (88%)
- Green (80%)
- Blue (58%)



- Red (68%)
- Yellow (88%)
- Blue (58%)



- Cyan (0%)
- Magenta (9%)
- Yellow (34%)
- Black (12%)




- Cyan (12%)
- Magenta (20%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1396, 0.3714, 0.3942 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 61.1396, 0.3714, 0.3942 by changing the saturation by 10% instead.





 61.1396, 0.3714,  
0.3942


 61.1396, 0.3714,  
0.3942


428.7857, 0.3438,  
0.3634

 44.3378, 0.3777,  
0.4013

 106.4810, 0.3618,  
0.3834

 30.9362, 0.3855,  
0.4100


 135.7895, 0.3581,  
0.3793

 20.5503, 0.3952,  
0.4210


170.0357, 0.3548,  
0.3757

 12.7957, 0.4075,  
0.4352

209.6039, 0.3520,  
0.3726

 7.2880, 0.4235,  
0.4536

254.8786, 0.3496,  
0.3698

 3.6429, 0.4473,  
0.4814

306.2443, 0.3474,

 1.4759, 0.4797,

0.3674

0.5203

364.0851, 0.3455,  
0.3653

0.2716, 0.4562,  
0.5438

0.0000, 0.0000,  
0.0000

61.1396, 0.3714,  
0.3942

61.1396, 0.3714,  
0.3942

57.7903, 0.3905,  
0.4129

64.7349, 0.3529,  
0.3749

54.6696, 0.4095,  
0.4299

68.5762, 0.3355,  
0.3556

51.7702, 0.4278,  
0.4442

72.6742, 0.3194,  
0.3369

49.0811, 0.4445,  
0.4549

77.0364, 0.3046,  
0.3192

46.5896, 0.4586,  
0.4609

81.4108, 0.2936,  
0.3065

44.2806, 0.4697,  
0.4620

84.7638, 0.2937,  
0.3126

43.0532, 0.4750,  
0.4611

88.2266, 0.2938,  
0.3186

91.8002, 0.2940,  
0.3245

94.5913, 0.2941,  
0.3289

# Harmonies

## Analogous

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



61.1396, 0.3903, 0.3715



61.1396, 0.3714, 0.3942



61.1396, 0.3372, 0.3998

# Triad

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



61.1396, 0.3714, 0.3942



61.1396, 0.2434, 0.3101



61.1396, 0.3243, 0.2827

# Complementary

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



61.1396, 0.3714, 0.3942



39.2183, 0.2543, 0.2537

# 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.



61.1396, 0.2850, 0.2673



61.1396, 0.3714, 0.3942



61.1396, 0.2404, 0.2806

# Square

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



61.1396, 0.3714, 0.3942



61.1396, 0.2638, 0.3484



61.1396, 0.2550, 0.2660



61.1396, 0.3625, 0.3087



# Rectangle

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



61.1396, 0.3714, 0.3942



61.1396, 0.3108, 0.3909



61.1396, 0.2550, 0.2660



61.1396, 0.3107, 0.2761

# Sweetspot

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



61.1424, 0.3714, 0.3942



94.3096, 0.3284, 0.3474



39.5180, 0.3719, 0.3049



20.0211, 0.3307, 0.3501



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.



61.1424, 0.3714, 0.3942



78.8698, 0.3845, 0.4072



68.5585, 0.3505, 0.4187



15.3951, 0.3274, 0.3463



25.2494, 0.4739, 0.4619



1.8926, 0.4637, 0.4701



# Inverse Universe

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



39.2183, 0.2543, 0.2537



45.4366, 0.2413, 0.2355



34.2345, 0.2649, 0.2302



13.8195, 0.2981, 0.3111



5.0652, 0.1587, 0.0914



0.4946, 0.1670, 0.1212



# Previews

## White Background



This preview shows how the Yxy color 61.1396, 0.3714, 0.3942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

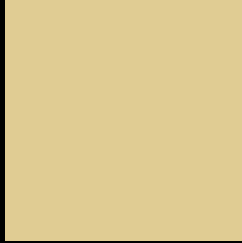
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.1396, 0.3714, 0.3942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

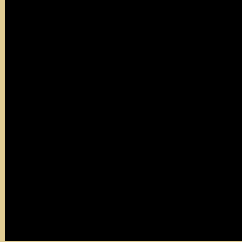
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.1396, 0.3714, 0.3942**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.1396, 0.3714, 0.3942.



This preview shows how white text looks on a background with the Yxy color 61.1396, 0.3714, 0.3942.

# 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

61.1396, 0.3714, 0.3942

### Protanopia

61.1414, 0.3685, 0.3958

### Deuteranopia

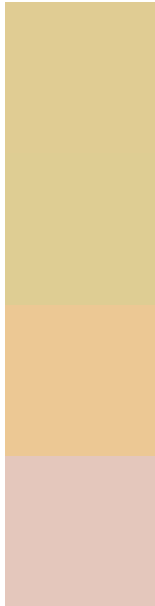
61.1253, 0.3894, 0.3822



## Tritanopia

61.1719, 0.3294, 0.3126

# Trichromacy



## Original Color

61.1396, 0.3714, 0.3942

## Protanomaly

61.2988, 0.3693, 0.3956

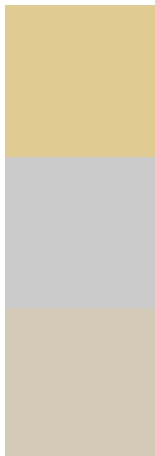
## Deuteranomaly

61.2795, 0.3822, 0.3866

## Tritanomaly

60.9717, 0.3444, 0.3414

# Monochromacy



## Original Color

61.1396, 0.3714, 0.3942

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

59.9797, 0.3337, 0.3525

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.1396, 0.3714, 0.3942 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(224, 204, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 204, 147) }
```

## Border

The CSS property to change the border of an element to Yxy 61.1396, 0.3714, 0.3942 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, 147) }
```

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

```
.border{ border-color:rgb(224, 204, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 204, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 204, 147);  
box-shadow:4px 4px 4px 4px rgb(224, 204,  
147) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.1396, 0.3714, 0.3942 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, 147) }
```

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

```
.background{ background-color: rgb(224,  
204, 147) }
```

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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