

# Converting Colors

Yxy(61.7818, 0.3661, 0.3712)

Have a look what the booklet for  
Yxy(61.7818, 0.3661, 0.3712)  
contains.

<b>Yxy(61.6094, 0.3660, 0.3705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(61.6094, 0.3660, 0.3705)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C9A4
RGB	232, 201, 164
RGB Percent	91%, 79%, 64%
CMY	0.0903, 0.2117, 0.3568
CMYK	0.00, 0.13, 0.29, 0.09
HSL	33°, 60%, 78%
HSV	33°, 29%, 91%
XYZ	60.8611, 61.6094, 43.8167
YIQ	206.0510, 30.3530, -4.9350

# Conversions

## Conversions Part 2

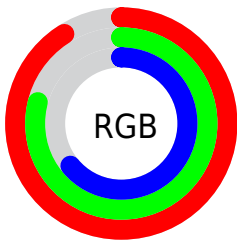
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	221, 232, 164
Decimal	15255972
CIE Lab	82.71, 5.51, 22.52
CIE LCh	83, 23.187, 76.262
Yxy	61.6094, 0.3660, 0.3705
Android (android.graphics.Color)	4293446052 (0xFFE8C9A4)
YUV	206.0510, -20.7311, 22.7573
Hunter-Lab	78.4917, 1.0455, 21.8465

# Details

The Yxy color **61.6094, 0.3660, 0.3705** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.7421, 0.2655, 0.2835**, and the grayscale version is **61.8774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **31.1512, 0.3790, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **56.0891, 0.3885, 0.3851**, and if you desaturate by 10%, it is **67.6273, 0.3457, 0.3558**.

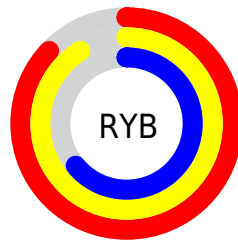
# Distribution



Red (91%)

Green (79%)

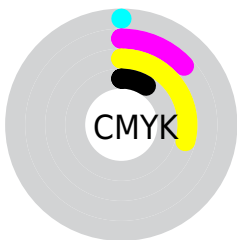
Blue (64%)



Red (87%)

Yellow (91%)

Blue (64%)

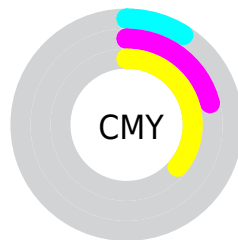


Cyan (0%)

Magenta (13%)

Yellow (29%)

Black (9%)



Cyan (9%)

Magenta (21%)


Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6094, 0.3660, 0.3705 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 61.6094, 0.3660, 0.3705 by changing the saturation by 10% instead.



 61.6094, 0.3660,  
0.3705


 61.6094, 0.3660,  
0.3705

430.5049, 0.3406,  
0.3511

 44.7172, 0.3720,  
0.3749


 107.1608, 0.3570,  
0.3638

 31.2347, 0.3794,  
0.3803


 136.5888, 0.3536,  
0.3612

 20.7776, 0.3889,  
0.3872


170.9641, 0.3506,  
0.3589

 12.9616, 0.4014,  
0.3959

210.6711, 0.3481,  
0.3569

 7.4021, 0.4186,  
0.4075

256.0944, 0.3459,  
0.3552

 3.7148, 0.4431,  
0.4230

307.6181, 0.3439,

 1.5153, 0.5199,

0.3537

0.4801

365.6268, 0.3421,  
0.3524

0.2995, 0.5832,  
0.4168

0.0000, 0.0000,  
0.0000

61.6094, 0.3660,  
0.3705

61.6094, 0.3660,  
0.3705

56.0891, 0.3885,  
0.3851

67.6273, 0.3457,  
0.3558

51.0428, 0.4128,  
0.3989

74.1487, 0.3276,  
0.3416

46.4574, 0.4383,  
0.4109

81.1898, 0.3117,  
0.3281

42.3153, 0.4640,  
0.4199

88.6463, 0.2987,  
0.3172

■ 38.5977, 0.4885,  
0.4245

■ 95.1656, 0.2987,  
0.3278

■ 35.2830, 0.5103,  
0.4239

■ 95.8912, 0.2987,  
0.3290

■ 32.3414, 0.5284,  
0.4181

■ 32.1450, 0.5297,  
0.4176

# Harmonies

## Analogous

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



61.6094, 0.3713, 0.3497



61.6094, 0.3660, 0.3705



61.6094, 0.3461, 0.3813

# Triad

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



61.6094, 0.3660, 0.3705



61.6094, 0.2672, 0.3303



61.6094, 0.3055, 0.2862

# Complementary

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



61.6094, 0.3660, 0.3705



52.7421, 0.2655, 0.2835

# 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.



61.6094, 0.2787, 0.2802



61.6094, 0.3660, 0.3705



61.6094, 0.2574, 0.3039

# Square

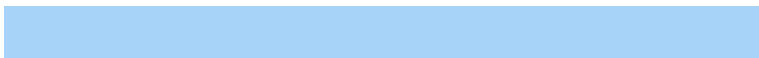
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.6094, 0.3660, 0.3705



61.6094, 0.2890, 0.3579



61.6094, 0.2615, 0.2861



61.6094, 0.3355, 0.3023



# Rectangle

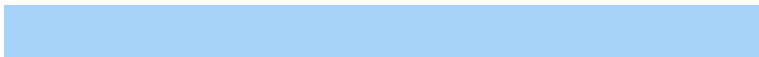
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.6094, 0.3660, 0.3705



61.6094, 0.3276, 0.3803



61.6094, 0.2615, 0.2861



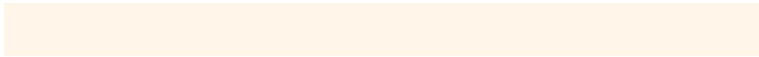
61.6094, 0.2958, 0.2830

# Sweetspot

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



61.6122, 0.3660, 0.3705



92.1180, 0.3272, 0.3412



47.6842, 0.3477, 0.2935



19.4550, 0.3297, 0.3433



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.



61.6122, 0.3660, 0.3705



72.2675, 0.3790, 0.3792



77.1536, 0.3552, 0.4025



15.6617, 0.3279, 0.3418



18.1055, 0.5274, 0.4194



1.5231, 0.5073, 0.4354



# Inverse Universe

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



52.7421, 0.2655, 0.2835



59.6422, 0.2556, 0.2727



40.5225, 0.2628, 0.2441



14.9635, 0.2981, 0.3159



9.1682, 0.1733, 0.1437

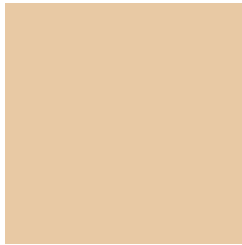


0.8612, 0.1810, 0.1716



# Previews

## White Background



This preview shows how the Yxy color 61.6094, 0.3660, 0.3705 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

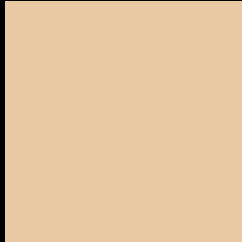
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.6094, 0.3660, 0.3705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

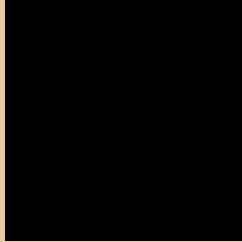
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.6094, 0.3660, 0.3705**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.6094, 0.3660, 0.3705.



This preview shows how white text looks on a background with the Yxy color 61.6094, 0.3660, 0.3705.

# 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

61.6094, 0.3660, 0.3705

### Protanopia

61.9559, 0.3523, 0.3753

### Deuteranopia

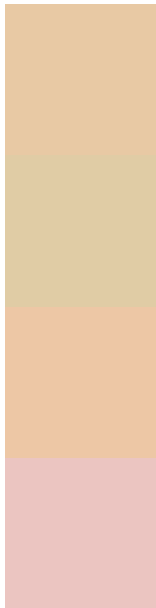
61.6300, 0.3729, 0.3653



## Tritanopia

61.6879, 0.3351, 0.3129

# Trichromacy



**Original Color**

61.6094, 0.3660, 0.3705

**Protanomaly**

61.7496, 0.3577, 0.3736

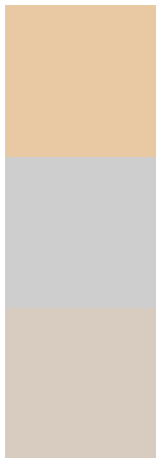
**Deuteranomaly**

61.5680, 0.3701, 0.3667

**Tritanomaly**

61.4449, 0.3466, 0.3335

# Monochromacy



**Original Color**

61.6094, 0.3660, 0.3705

**Achromatopsia**

61.7207, 0.3127, 0.3290

**Achromatomaly**

61.3944, 0.3308, 0.3441

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.6094, 0.3660, 0.3705 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(232, 201, 164)` looks like.

```
.text, #text, p{  
    color:rgb(232, 201, 164)  
}
```

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(232, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 201, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 61.6094, 0.3660, 0.3705 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(232, 201, 164) }
```

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

```
.border{ border-color:rgb(232, 201, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 201, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 201, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 201, 164); box-shadow:4px 4px 4px 4px rgb(232, 201, 164) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.6094, 0.3660, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 201, 164) }
```

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

```
.background{ background-color: rgb(232,  
201, 164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor