

# Converting Colors

$Yxy(60.3740, 0.3603, 0.3713)$

Have a look what the booklet for  
Yxy(60.3740, 0.3603, 0.3713)  
contains.

<b>Yxy(60.4612, 0.3602, 0.3714)</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(60.4612, 0.3602, 0.3714)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1C9A4
RGB	225, 201, 164
RGB Percent	88%, 79%, 64%
CMY	0.1176, 0.2117, 0.3569
CMYK	0.00, 0.11, 0.27, 0.12
HSL	36°, 50%, 76%
HSV	36°, 27%, 88%
XYZ	58.6379, 60.4612, 43.6936
YIQ	203.9580, 26.1810, -6.4190

# Conversions

## Conversions Part 2

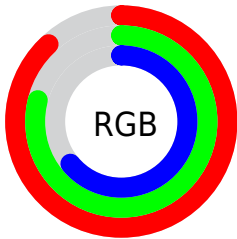
Format	Color
R <sub>Y</sub> B	204, 225, 164
Decimal	14797220
CIE Lab	82.09, 2.85, 21.60
CIE LCh	82, 21.786, 82.474
Yxy	60.4612, 0.3602, 0.3714
Android (android.graphics.Color)	4292987300 (0xFFE1C9A4)
YUV	203.9580, -19.6993, 18.4538
Hunter-Lab	77.7568, -1.4641, 21.1132

# Details

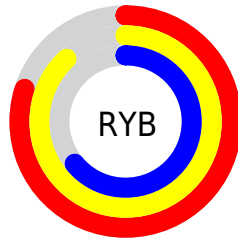
The Yxy color **60.4612, 0.3602, 0.3714** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.2851, 0.2687, 0.2825**, and the grayscale version is **60.4710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **30.4723, 0.3723, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **55.7142, 0.3811, 0.3876**, and if you desaturate by 10%, it is **65.5952, 0.3411, 0.3553**.

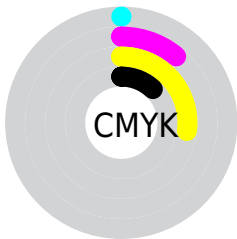
# Distribution



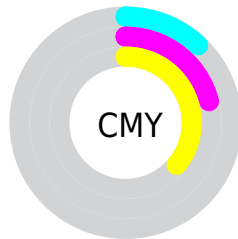
- Red (88%)
- Green (79%)
- Blue (64%)



- Red (80%)
- Yellow (88%)
- Blue (64%)



- Cyan (0%)
- Magenta (11%)
- Yellow (27%)
- Black (12%)




- Cyan (12%)
- Magenta (21%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4612, 0.3602, 0.3714 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 60.4612, 0.3602, 0.3714 by changing the saturation by 10% instead.





 60.4612, 0.3602,  
0.3714


 60.4612, 0.3602,  
0.3714


426.2957, 0.3375,  
0.3514

 43.7905, 0.3655,  
0.3760


 105.4984, 0.3522,  
0.3644

 30.5058, 0.3722,  
0.3818


 134.6337, 0.3491,  
0.3617

 20.2228, 0.3807,  
0.3891


168.6926, 0.3465,  
0.3594

 12.5571, 0.3920,  
0.3986

208.0596, 0.3442,  
0.3573

 7.1243, 0.4074,  
0.4114

253.1190, 0.3422,  
0.3556

 3.5400, 0.4296,  
0.4292

304.2552, 0.3405,

 1.4197, 0.5048,

0.3540

361.8526, 0.3389,  
0.3526

0.4952

0.2312, 0.5559,  
0.4441

0.0000, 0.0000,  
0.0000

60.4612, 0.3602,  
0.3714

60.4612, 0.3602,  
0.3714

55.7142, 0.3811,  
0.3876

65.5952, 0.3411,  
0.3553

51.3344, 0.4034,  
0.4031

71.1188, 0.3238,  
0.3396

47.3121, 0.4266,  
0.4169

77.0451, 0.3085,  
0.3248

43.6341, 0.4497,  
0.4279

83.3839, 0.2948,  
0.3110

■ 40.2857, 0.4716,  
0.4349

■ 88.6827, 0.2944,  
0.3191

■ 37.2502, 0.4909,  
0.4370

■ 94.1725, 0.2946,  
0.3280

■ 34.5072, 0.5069,  
0.4337

■ 94.7478, 0.2946,  
0.3289

■ 33.7627, 0.5112,  
0.4323

# Harmonies

## Analogous

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



60.4612, 0.3684, 0.3533



60.4612, 0.3602, 0.3714



60.4612, 0.3392, 0.3788

# Triad

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



60.4612, 0.3602, 0.3714



60.4612, 0.2667, 0.3248



60.4612, 0.3118, 0.2909

# Complementary

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



60.4612, 0.3602, 0.3714



49.2851, 0.2687, 0.2825

# 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.



60.4612, 0.2852, 0.2830



60.4612, 0.3602, 0.3714



60.4612, 0.2600, 0.3011

# Square

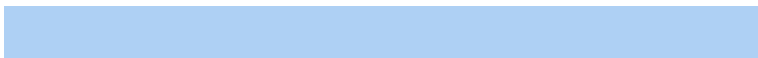
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.4612, 0.3602, 0.3714



60.4612, 0.2853, 0.3513



60.4612, 0.2666, 0.2863



60.4612, 0.3397, 0.3078



# Rectangle

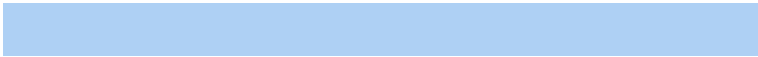
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.4612, 0.3602, 0.3714



60.4612, 0.3211, 0.3757



60.4612, 0.2666, 0.2863



60.4612, 0.3024, 0.2871

# Sweetspot

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



60.4640, 0.3602, 0.3714



93.7429, 0.3254, 0.3411



46.2010, 0.3481, 0.3009



19.8213, 0.3279, 0.3434



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.



60.4640, 0.3602, 0.3714



76.3881, 0.3728, 0.3813



71.5757, 0.3489, 0.3976



15.0775, 0.3277, 0.3432



19.6891, 0.5094, 0.4337



1.5377, 0.4918, 0.4477



# Inverse Universe

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



49.2851, 0.2687, 0.2825



59.0194, 0.2582, 0.2702



40.5375, 0.2703, 0.2522



14.1231, 0.2981, 0.3144



7.4126, 0.1680, 0.1249

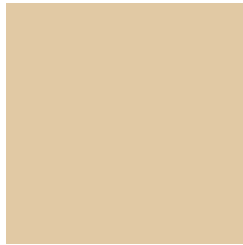


0.6847, 0.1766, 0.1557



# Previews

## White Background



This preview shows how the Yxy color 60.4612, 0.3602, 0.3714 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 60.4612, 0.3602, 0.3714 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

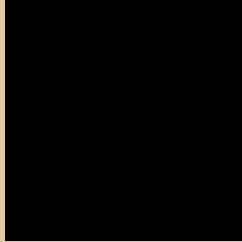
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.4612, 0.3602, 0.3714**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.4612, 0.3602, 0.3714.



This preview shows how white text looks on a background with the Yxy color 60.4612, 0.3602, 0.3714.

# 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

60.4612, 0.3602, 0.3714

### Protanopia

60.6541, 0.3519, 0.3745

### Deuteranopia

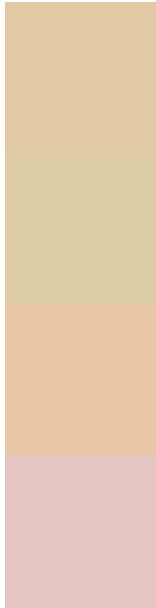
60.2010, 0.3710, 0.3635



## Tritanopia

60.5064, 0.3295, 0.3126

# Trichromacy



## Original Color

60.4612, 0.3602, 0.3714

## Protanomaly

60.6441, 0.3547, 0.3730

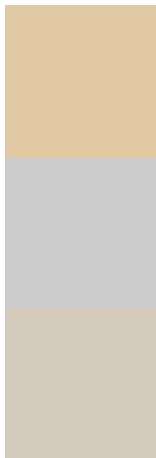
## Deuteranomaly

60.4284, 0.3670, 0.3660

## Tritanomaly

60.2767, 0.3408, 0.3336

# Monochromacy



## Original Color

60.4612, 0.3602, 0.3714

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.3830, 0.3300, 0.3454

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.4612, 0.3602, 0.3714 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(225, 201, 164)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 164) }
```

## Border

The CSS property to change the border of an element to Yxy 60.4612, 0.3602, 0.3714 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(225, 201, 164) }
```

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

```
.border{ border-color:rgb(225, 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(225, 201, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 164);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
164) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.4612, 0.3602, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 164) }
```

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

```
.background{ background-color: rgb(225,  
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](#).

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