

Converting Colors

Yxy(61.7343, 0.3724, 0.3769)

Have a look what the booklet for
Yxy(61.7343, 0.3724, 0.3769)
contains.

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Color

Yxy(61.7343, 0.3724, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	EAC99E
RGB	234, 201, 158
RGB Percent	92%, 79%, 62%
CMY	0.0823, 0.2118, 0.3803
CMYK	0.00, 0.14, 0.32, 0.08
HSL	34°, 64%, 77%
HSV	34°, 32%, 92%
XYZ	60.9972, 61.7343, 41.0634
YIQ	205.9650, 33.4710, -6.3770

Conversions

Conversions Part 2

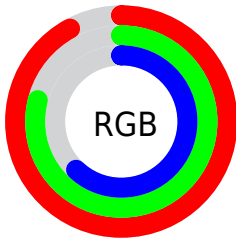
Format	Color
R _Y B	216, 234, 158
Decimal	15387038
CIE Lab	82.77, 5.54, 25.80
CIE LCh	83, 26.387, 77.880
Yxy	61.7343, 0.3724, 0.3769
Android (android.graphics.Color)	4293577118 (0xFFEAC99E)
YUV	205.9650, -23.6467, 24.5867
Hunter-Lab	78.5712, 1.0755, 24.0133

Details

The Yxy color **61.7343, 0.3724, 0.3769** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.5019, 0.2598, 0.2757**, and the grayscale version is **61.8403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **31.2552, 0.3874, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **56.4202, 0.3951, 0.3919**, and if you desaturate by 10%, it is **67.5216, 0.3517, 0.3616**.

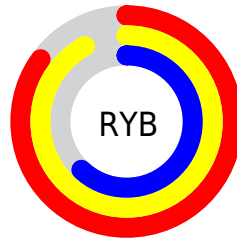
Distribution



Red (92%)

Green (79%)

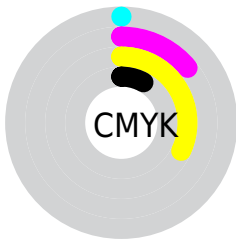
Blue (62%)



Red (85%)

Yellow (92%)

Blue (62%)

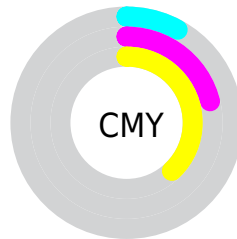


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (8%)



Cyan (8%)


Magenta (21%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7343, 0.3724, 0.3769 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 61.7343, 0.3724, 0.3769 by changing the saturation by 10% instead.


 61.7343, 0.3724,
0.3769


 61.7343, 0.3724,
0.3769


430.9612, 0.3440,
0.3546

 44.8180, 0.3790,
0.3819

 107.3414, 0.3624,
0.3692

 31.3141, 0.3873,
0.3881


 136.8011, 0.3586,
0.3662

 20.8382, 0.3977,
0.3958


171.2107, 0.3553,
0.3636

 13.0058, 0.4114,
0.4057

210.9546, 0.3524,
0.3613

 7.4325, 0.4299,
0.4184

256.4172, 0.3499,
0.3593

 3.7340, 0.4557,
0.4347

307.9829, 0.3477,

 1.5259, 0.5201,

0.3576

0.4799

366.0361, 0.3457,
0.3560

0.3069, 0.5818,
0.4182

0.0000, 0.0000,
0.0000

61.7343, 0.3724,
0.3769

61.7343, 0.3724,
0.3769

56.4202, 0.3951,
0.3919

67.5216, 0.3517,
0.3616

51.5559, 0.4192,
0.4057

73.7875, 0.3331,
0.3467

47.1286, 0.4441,
0.4173

80.5479, 0.3165,
0.3324

43.1209, 0.4687,
0.4254

87.8155, 0.3019,
0.3190

■ 39.5140, 0.4914,
0.4289

■ 94.2431, 0.3000,
0.3259

■ 36.2858, 0.5110,
0.4270

■ 96.2360, 0.3000,
0.3290

■ 34.0831, 0.5235,
0.4225

Harmonies

Analogous

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



61.7343, 0.3797, 0.3535



61.7343, 0.3724, 0.3769



61.7343, 0.3489, 0.3888

Triad

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



61.7343, 0.3724, 0.3769



61.7343, 0.2602, 0.3285



61.7343, 0.3062, 0.2815

Complementary

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



61.7343, 0.3724, 0.3769



50.5019, 0.2598, 0.2757

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.



61.7343, 0.2755, 0.2739



61.7343, 0.3724, 0.3769



61.7343, 0.2501, 0.2989

Square

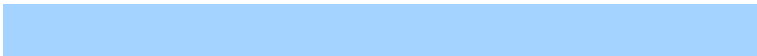
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.7343, 0.3724, 0.3769



61.7343, 0.2841, 0.3605



61.7343, 0.2555, 0.2796



61.7343, 0.3403, 0.3001

Rectangle

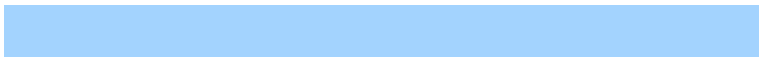
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.7343, 0.3724, 0.3769



61.7343, 0.3276, 0.3873



61.7343, 0.2555, 0.2796



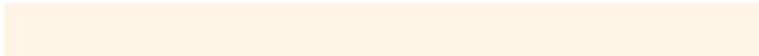
61.7343, 0.2951, 0.2776

Sweetspot

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



61.7372, 0.3724, 0.3769



91.5967, 0.3289, 0.3432



45.7773, 0.3540, 0.2909



19.3632, 0.3313, 0.3452



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.



61.7372, 0.3724, 0.3769



70.6207, 0.3874, 0.3870



78.1872, 0.3589, 0.4108



16.4674, 0.3279, 0.3423



19.4039, 0.5215, 0.4242



1.7145, 0.5034, 0.4385

Inverse Universe

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



50.5019, 0.2598, 0.2757



54.9855, 0.2484, 0.2625



38.0711, 0.2574, 0.2335



15.6259, 0.2980, 0.3153



8.8853, 0.1714, 0.1370



0.8859, 0.1788, 0.1638

Previews

White Background



This preview shows how the Yxy color 61.7343, 0.3724, 0.3769 looks on a white background.

Color Contrast Check

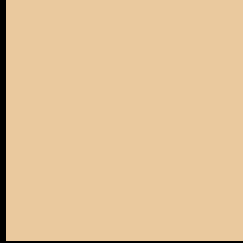
Large Text (above 18pt) WCAG AA × Fail

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 61.7343, 0.3724, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

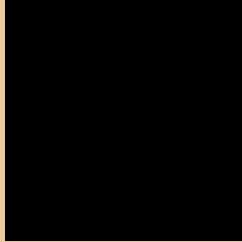
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7343, 0.3724, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 61.7343, 0.3724, 0.3769.



This preview shows how white text looks on a background with the Yxy color 61.7343, 0.3724, 0.3769.

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

61.7343, 0.3724, 0.3769

Protanopia

61.8963, 0.3576, 0.3821

Deuteranopia

61.7686, 0.3794, 0.3716



Tritanopia

61.7123, 0.3385, 0.3130

Trichromacy



Original Color

61.7343, 0.3724, 0.3769

Protanomaly

61.6965, 0.3631, 0.3804

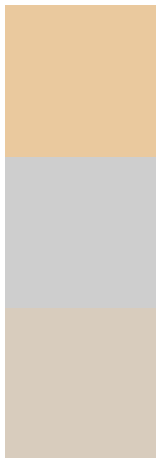
Deuteranomaly

61.7008, 0.3765, 0.3730

Tritanomaly

61.8274, 0.3514, 0.3368

Monochromacy



Original Color

61.7343, 0.3724, 0.3769

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.4588, 0.3330, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7343, 0.3724, 0.3769 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, 158)` looks like.

```
.text, #text, p{  
    color:rgb(234, 201, 158)  
}
```

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, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 201, 158) }
```

Border

The CSS property to change the border of an element to Yxy 61.7343, 0.3724, 0.3769 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, 158) }
```

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

```
.border{ border-color:rgb(234, 201, 158) }
```

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, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 201, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 201, 158);  
box-shadow:4px 4px 4px 4px rgb(234, 201,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7343, 0.3724, 0.3769 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, 158) }
```

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

```
.background{ background-color: rgb(234,  
201, 158) }
```

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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