

# Converting Colors

Yxy(62.4582, 0.3717, 0.3717)

Have a look what the booklet for  
Yxy(62.4582, 0.3717, 0.3717)  
contains.

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# Color

**Yxy(62.3864, 0.3718, 0.3721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EDC9A2
RGB	237, 201, 162
RGB Percent	93%, 79%, 64%
CMY	0.0705, 0.2118, 0.3647
CMYK	0.00, 0.15, 0.32, 0.07
HSL	31°, 68%, 78%
HSV	31°, 32%, 93%
XYZ	62.3361, 62.3864, 42.9378
YIQ	207.3180, 33.9750, -4.4970

# Conversions

## Conversions Part 2

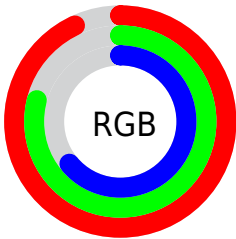
Format	Color
<a href="#">RYB</a>	<a href="#">231, 237, 162</a>
Decimal	<a href="#">15583650</a>
CIELab	<a href="#">83.12, 7.18, 24.23</a>
CIELCh	<a href="#">83, 25.271, 73.496</a>
Yxy	<a href="#">62.3864, 0.3718, 0.3721</a>
Android (android.graphics.Color)	<a href="#">4293773730</a> ( <a href="#">0xFFEDC9A2</a> )
YUV	<a href="#">207.3180, -22.3418, 26.0311</a>
Hunter-Lab	<a href="#">78.9851, 2.6508, 23.0584</a>

# Details

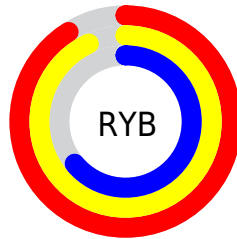
The Yxy color  $62.3864, 0.3718, 0.3721$  is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be  $54.1894, 0.2617, 0.2815$ , and the grayscale version is  $62.7452, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $97.7898, 0.3352, 0.3661$ , and  $31.6965, 0.3866, 0.3821$  is the 20% darker color. If you saturate the color by 10%, you get  $56.5143, 0.3953, 0.3860$ , and if you desaturate by 10%, it is  $68.8161, 0.3506, 0.3580$ .

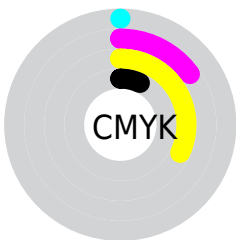
# Distribution



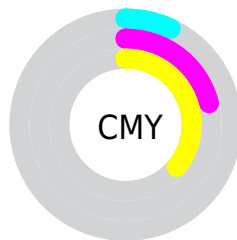
- Red (93%)
- Green (79%)
- Blue (64%)



- Red (91%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (7%)



- Cyan (7%)
- Magenta (21%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3864, 0.3718, 0.3721 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 62.3864, 0.3718, 0.3721 by changing the saturation by 10% instead.



 62.3864, 0.3718,  
0.3721

 62.3864, 0.3718,  
0.3721


433.3392, 0.3437,  
0.3522

 45.3450, 0.3784,  
0.3766

 108.2838, 0.3619,  
0.3652

 31.7293, 0.3866,  
0.3821


 137.9086, 0.3581,  
0.3625

 21.1548, 0.3970,  
0.3889


172.4966, 0.3548,  
0.3602

 13.2372, 0.4107,  
0.3976

212.4322, 0.3520,  
0.3582

 7.5921, 0.4294,  
0.4087

258.0999, 0.3495,  
0.3564

 3.8351, 0.4557,  
0.4231

309.8841, 0.3473,

 1.5817, 0.5290,

0.3548

0.4710

368.1690, 0.3454,  
0.3534

0.3452, 0.5932,  
0.4068

0.0000, 0.0000,  
0.0000

62.3864, 0.3718,  
0.3721

62.3864, 0.3718,  
0.3721

56.5143, 0.3953,  
0.3860

68.8161, 0.3506,  
0.3580

51.1738, 0.4207,  
0.3989

75.8112, 0.3318,  
0.3442

46.3491, 0.4474,  
0.4098

83.3902, 0.3152,  
0.3311

42.0201, 0.4742,  
0.4173

91.4512, 0.3018,  
0.3206

■ 38.1650, 0.4994,  
0.4201

■ 96.7466, 0.3017,  
0.3290

■ 34.7585, 0.5215,  
0.4176

■ 32.2301, 0.5371,  
0.4117

# Harmonies

## Analogous

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



62.3864, 0.3760, 0.3488



62.3864, 0.3718, 0.3721



62.3864, 0.3513, 0.3853

# Triad

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



62.3864, 0.3718, 0.3721



62.3864, 0.2651, 0.3332



62.3864, 0.3018, 0.2817

# Complementary

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



62.3864, 0.3718, 0.3721



54.1894, 0.2617, 0.2815

# 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.



62.3864, 0.2736, 0.2763



62.3864, 0.3718, 0.3721



62.3864, 0.2533, 0.3040

# Square

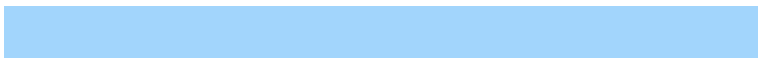
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



62.3864, 0.3718, 0.3721



62.3864, 0.2896, 0.3630



62.3864, 0.2563, 0.2838



62.3864, 0.3344, 0.2982



# Rectangle

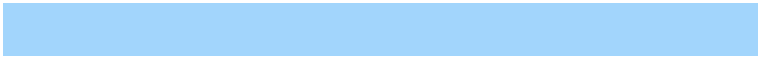
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.3864, 0.3718, 0.3721



62.3864, 0.3317, 0.3855



62.3864, 0.2563, 0.2838



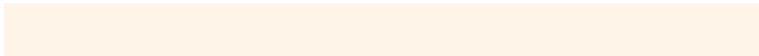
62.3864, 0.2915, 0.2786

# Sweetspot

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



62.3893, 0.3718, 0.3721



91.7799, 0.3273, 0.3407



47.9362, 0.3503, 0.2892



19.3717, 0.3298, 0.3426



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.



62.3893, 0.3718, 0.3721



69.0792, 0.3868, 0.3812



80.9762, 0.3596, 0.4082



16.3498, 0.3280, 0.3413



17.8592, 0.5347, 0.4137



1.5949, 0.5144, 0.4298

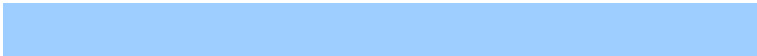


# Inverse Universe

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



54.1894, 0.2617, 0.2815



57.9793, 0.2509, 0.2699



39.7687, 0.2571, 0.2358



15.7421, 0.2981, 0.3164



10.1409, 0.1754, 0.1514

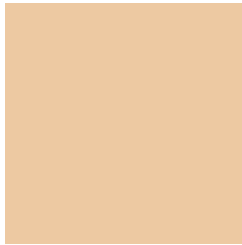


0.9880, 0.1825, 0.1771



# Previews

## White Background



This preview shows how the Yxy color 62.3864, 0.3718, 0.3721 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

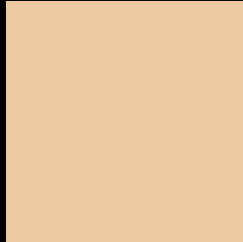
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.3864, 0.3718, 0.3721 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 62.3864, 0.3718, 0.3721**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.3864, 0.3718, 0.3721.



This preview shows how white text looks on a background with the Yxy color 62.3864, 0.3718, 0.3721.

# 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

62.3864, 0.3718, 0.3721

### Protanopia

62.5579, 0.3536, 0.3774

### Deuteranopia

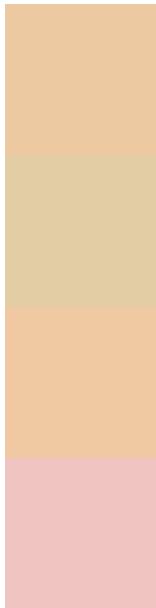
62.3327, 0.3766, 0.3694



## Tritanopia

62.1140, 0.3393, 0.3120

# Trichromacy



**Original Color**

62.3864, 0.3718, 0.3721

**Protanomaly**

62.5117, 0.3599, 0.3756

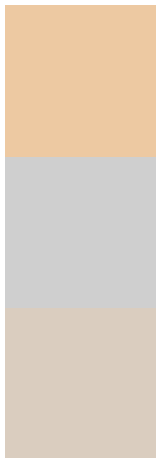
**Deuteranomaly**

62.4425, 0.3746, 0.3707

**Tritanomaly**

62.3080, 0.3507, 0.3334

# Monochromacy



**Original Color**

62.3864, 0.3718, 0.3721

**Achromatopsia**

62.3960, 0.3127, 0.3290

**Achromatomaly**

62.3297, 0.3330, 0.3451

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.3864, 0.3718, 0.3721 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(237, 201, 162)` looks like.

```
.text, #text, p{  
    color:rgb(237, 201, 162)  
}
```

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(237, 201, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 201, 162) }
```

## Border

The CSS property to change the border of an element to Yxy 62.3864, 0.3718, 0.3721 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(237, 201, 162) }
```

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

```
.border{ border-color:rgb(237, 201, 162) }
```

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

Here you see how a box with a 4 pixel rgb(237, 201, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(237, 201,  
162) }
```



# Background

The CSS property to change the background color of an element to `rgb(237, 201, 162)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 201, 162) }
```

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

```
.background{ background-color: rgb(237,  
201, 162) }
```

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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