

# Converting Colors

$Yxy(62.5042, 0.3457, 0.3538)$

Have a look what the booklet for  
Yxy(62.5042, 0.3457, 0.3538)  
contains.

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# Color

**Yxy(62.5707, 0.3456, 0.3540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1CCB6
RGB	225, 204, 182
RGB Percent	88%, 80%, 71%
CMY	0.1176, 0.2000, 0.2864
CMYK	0.00, 0.09, 0.19, 0.12
HSL	31°, 42%, 80%
HSV	31°, 19%, 88%
XYZ	61.0860, 62.5707, 53.0967
YIQ	207.7710, 19.5780, -2.3900

# Conversions

## Conversions Part 2

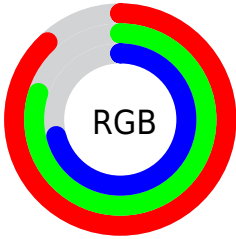
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 225, 182
Decimal	14798006
CIE Lab	83.22, 3.84, 13.64
CIE LCh	83, 14.169, 74.295
Yxy	62.5707, 0.3456, 0.3540
Android (android.graphics.Color)	4292988086 (0xFFE1CCB6)
YUV	207.7710, -12.7051, 15.1098
Hunter-Lab	79.1016, -0.5819, 15.5729

# Details

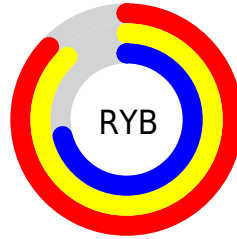
The Yxy color **62.5707, 0.3456, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0744, 0.2826, 0.3026**, and the grayscale version is **62.9954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **31.8327, 0.3536, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **56.6804, 0.3662, 0.3678**, and if you desaturate by 10%, it is **68.9840, 0.3274, 0.3406**.

# Distribution



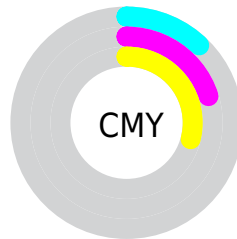
- Red (88%)
- Green (80%)
- Blue (71%)



- Red (87%)
- Yellow (88%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (12%)




- Cyan (12%)
- Magenta (20%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5707, 0.3456, 0.3540 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 62.5707, 0.3456, 0.3540 by changing the saturation by 10% instead.





 62.5707, 0.3456,  
0.3540

 62.5707, 0.3456,  
0.3540


434.0098, 0.3299,  
0.3423

 45.4940, 0.3493,  
0.3567


 108.5499, 0.3401,  
0.3499

 31.8467, 0.3539,  
0.3601


138.2212, 0.3379,  
0.3483

 21.2444, 0.3599,  
0.3644


172.8595, 0.3361,  
0.3469

 13.3028, 0.3678,  
0.3701

212.8492, 0.3345,  
0.3458

 7.6374, 0.3790,  
0.3778

258.5747, 0.3332,  
0.3447

 3.8638, 0.3955,  
0.3890

310.4204, 0.3320,

 1.5977, 0.4262,

0.3438

0.4098

368.7706, 0.3309,  
0.3430

0.3560, 0.5482,  
0.4518

0.0000, 0.0000,  
0.0000

62.5707, 0.3456,  
0.3540

62.5707, 0.3456,  
0.3540

56.6804, 0.3662,  
0.3678

68.9840, 0.3274,  
0.3406

51.2900, 0.3892,  
0.3816

75.9258, 0.3114,  
0.3279

46.3868, 0.4143,  
0.3947

83.4123, 0.2975,  
0.3161

41.9544, 0.4410,  
0.4060

90.3143, 0.2945,  
0.3218

■ 37.9750, 0.4681,  
0.4143

■ 94.7482, 0.2946,  
0.3289

■ 34.4294, 0.4943,  
0.4184

■ 31.2958, 0.5177,  
0.4172

■ 28.5448, 0.5373,  
0.4109

■ 28.3200, 0.5390,  
0.4102

# Harmonies

## Analogous

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



62.5707, 0.3480, 0.3413



62.5707, 0.3456, 0.3540



62.5707, 0.3342, 0.3604

# Triad

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



62.5707, 0.3456, 0.3540



62.5707, 0.2855, 0.3313



62.5707, 0.3073, 0.3019

# Complementary

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



62.5707, 0.3456, 0.3540



58.0744, 0.2826, 0.3026

# 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.



62.5707, 0.2910, 0.2988



62.5707, 0.3456, 0.3540



62.5707, 0.2787, 0.3151

# Square

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



62.5707, 0.3456, 0.3540



62.5707, 0.2995, 0.3473



62.5707, 0.2807, 0.3034



62.5707, 0.3255, 0.3117



# Rectangle

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



62.5707, 0.3456, 0.3540



62.5707, 0.3233, 0.3599



62.5707, 0.2807, 0.3034



62.5707, 0.3015, 0.3001

# Sweetspot

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



62.5735, 0.3456, 0.3540



94.3826, 0.3222, 0.3366



53.7870, 0.3321, 0.3047



20.0742, 0.3233, 0.3375



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

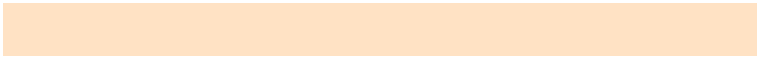


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.5735, 0.3456, 0.3540



79.8630, 0.3536, 0.3596



73.2372, 0.3414, 0.3765



14.8553, 0.3279, 0.3410



16.5535, 0.5367, 0.4121



1.3266, 0.5137, 0.4303



# Inverse Universe

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



58.0744, 0.2826, 0.3026



72.8351, 0.2760, 0.2964



48.8216, 0.2811, 0.2767



14.3419, 0.2981, 0.3167



9.7642, 0.1762, 0.1544

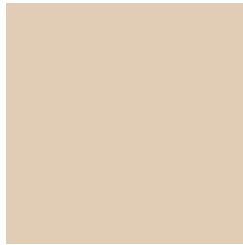


0.8556, 0.1841, 0.1827



# Previews

## White Background



This preview shows how the Yxy color 62.5707, 0.3456, 0.3540 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 62.5707, 0.3456, 0.3540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

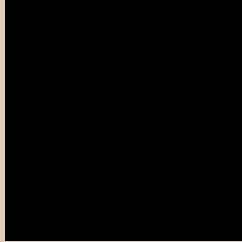
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.5707, 0.3456, 0.3540**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.5707, 0.3456, 0.3540.



This preview shows how white text looks on a background with the Yxy color 62.5707, 0.3456, 0.3540.

# 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

62.5707, 0.3456, 0.3540

### Protanopia

62.7963, 0.3378, 0.3567

### Deuteranopia

62.5603, 0.3547, 0.3478



## Tritanopia

62.4112, 0.3245, 0.3116

# Trichromacy



## Original Color

62.5707, 0.3456, 0.3540

## Protanomaly

62.7772, 0.3404, 0.3554

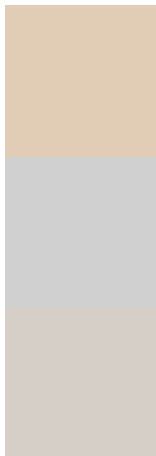
## Deuteranomaly

62.3480, 0.3512, 0.3491

## Tritanomaly

62.5791, 0.3325, 0.3268

# Monochromacy



## Original Color

62.5707, 0.3456, 0.3540

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

63.0453, 0.3237, 0.3382

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.5707, 0.3456, 0.3540 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, 204, 182)` looks like.

```
.text, #text, p{  
    color:rgb(225, 204, 182)  
}
```

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, 204, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 204, 182) }
```

## Border

The CSS property to change the border of an element to Yxy 62.5707, 0.3456, 0.3540 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, 204, 182) }
```

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

```
.border{ border-color:rgb(225, 204, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 204, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 204, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 204, 182); box-shadow:4px 4px 4px 4px rgb(225, 204, 182) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.5707, 0.3456, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 204, 182) }
```

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

```
.background{ background-color: rgb(225,  
204, 182) }
```

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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