

# Converting Colors

Yxy(61.8584, 0.3537, 0.3512)

Have a look what the booklet for  
Yxy(61.8584, 0.3537, 0.3512)  
contains.

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# Color

**Yxy(61.7596, 0.3537, 0.3514)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8C8B4
RGB	232, 200, 180
RGB Percent	91%, 78%, 71%
CMY	0.0903, 0.2156, 0.2941
CMYK	0.00, 0.14, 0.22, 0.09
HSL	23°, 53%, 81%
HSV	23°, 22%, 91%
XYZ	62.1638, 61.7596, 51.8296
YIQ	207.2880, 25.4920, 0.5640

# Conversions

## Conversions Part 2

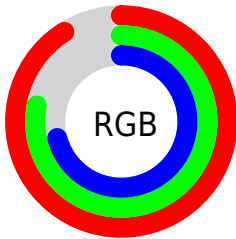
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 213, 180
Decimal	15255732
CIE <sub>Lab</sub>	82.79, 8.21, 14.16
CIE <sub>LCh</sub>	83, 16.370, 59.882
Y <sub>xy</sub>	61.7596, 0.3537, 0.3514
Android (android.graphics.Color)	4293445812 (0xFFE8C8B4)
Y <sub>UV</sub>	207.2880, -13.4530, 21.6724
Hunter-Lab	78.5873, 3.6687, 15.9084

# Details

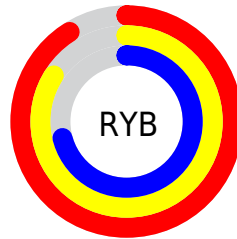
The Yxy color  $61.7596, 0.3537, 0.3514$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $62.5964, 0.2778, 0.3055$ , and the grayscale version is  $62.6683, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $98.8361, 0.3238, 0.3473$ , and  $31.3202, 0.3647, 0.3568$  is the 20% darker color. If you saturate the color by 10%, you get  $54.5918, 0.3770, 0.3620$ , and if you desaturate by 10%, it is  $69.7078, 0.3336, 0.3411$ .

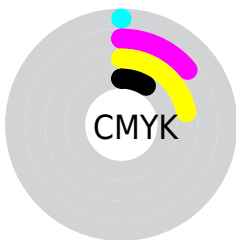
# Distribution



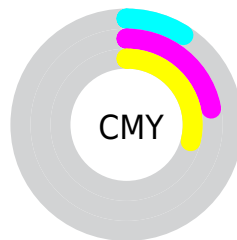
- Red (91%)
- Green (78%)
- Blue (71%)



- Red (91%)
- Yellow (84%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (22%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7596, 0.3537, 0.3514 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 61.7596, 0.3537, 0.3514 by changing the saturation by 10% instead.




 61.7596, 0.3537,  
0.3514

 61.7596, 0.3537,  
0.3514

431.0536, 0.3340,  
0.3410

 44.8385, 0.3584,  
0.3538


 107.3780, 0.3467,  
0.3478

 31.3302, 0.3642,  
0.3567

136.8441, 0.3441,  
0.3464

 20.8504, 0.3717,  
0.3603


171.2606, 0.3418,  
0.3452

 13.0147, 0.3818,  
0.3651

211.0120, 0.3398,  
0.3441

 7.4387, 0.3960,  
0.3714

256.4826, 0.3381,  
0.3432

 3.7379, 0.4172,  
0.3801

308.0568, 0.3366,

 1.5281, 0.4585,

0.3424

0.3980

366.1190, 0.3352,  
0.3417

0.3084, 0.6155,  
0.3845

0.0000, 0.0000,  
0.0000

61.7596, 0.3537,  
0.3514

61.7596, 0.3537,  
0.3514

54.5918, 0.3770,  
0.3620

69.7078, 0.3336,  
0.3411

48.1712, 0.4036,  
0.3725

78.4513, 0.3164,  
0.3313

42.4747, 0.4334,  
0.3819

88.0154, 0.3018,  
0.3221

37.4745, 0.4657,  
0.3894

95.8902, 0.2987,  
0.3290

■ 33.1407, 0.4990,  
0.3937

■ 29.4408, 0.5309,  
0.3934

■ 26.3386, 0.5587,  
0.3878

■ 24.3484, 0.5763,  
0.3806

# Harmonies

## Analogous

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



61.7596, 0.3509, 0.3346



61.7596, 0.3537, 0.3514



61.7596, 0.3451, 0.3630

# Triad

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



61.7596, 0.3537, 0.3514



61.7596, 0.2881, 0.3409



61.7596, 0.2968, 0.2949

# Complementary

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



61.7596, 0.3537, 0.3514



62.5964, 0.2778, 0.3055

# 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.



61.7596, 0.2808, 0.2955



61.7596, 0.3537, 0.3514



61.7596, 0.2759, 0.3214

# Square

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



61.7596, 0.3537, 0.3514



61.7596, 0.3070, 0.3575



61.7596, 0.2733, 0.3049



61.7596, 0.3175, 0.3028



# Rectangle

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



61.7596, 0.3537, 0.3514



61.7596, 0.3343, 0.3659



61.7596, 0.2733, 0.3049



61.7596, 0.2907, 0.2941

# Sweetspot

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



61.7624, 0.3537, 0.3514



92.0986, 0.3241, 0.3357



54.5533, 0.3312, 0.2939



19.5721, 0.3251, 0.3363



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.



61.7624, 0.3537, 0.3514



72.2298, 0.3643, 0.3564



74.7872, 0.3478, 0.3787



15.2733, 0.3283, 0.3381



13.7476, 0.5734, 0.3829



1.1914, 0.5462, 0.4045

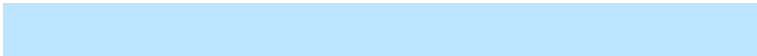


# Inverse Universe

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



62.5964, 0.2778, 0.3055



73.4341, 0.2703, 0.2998



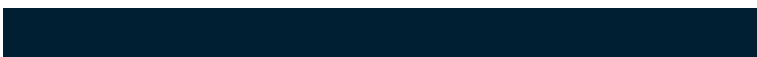
50.6774, 0.2754, 0.2739



15.3554, 0.2981, 0.3197



14.3362, 0.1883, 0.1980



1.2380, 0.1942, 0.2192



# Previews

## White Background



This preview shows how the Yxy color 61.7596, 0.3537, 0.3514 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 61.7596, 0.3537, 0.3514 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

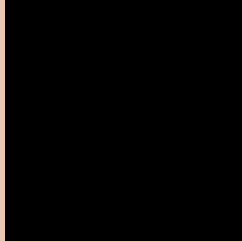
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.7596, 0.3537, 0.3514**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.7596, 0.3537, 0.3514.



This preview shows how white text looks on a background with the Yxy color 61.7596, 0.3537, 0.3514.

# 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

61.7596, 0.3537, 0.3514

### Protanopia

62.0086, 0.3364, 0.3557

### Deuteranopia

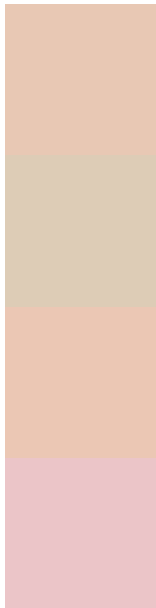
61.9750, 0.3573, 0.3501



## Tritanopia

62.0159, 0.3334, 0.3129

# Trichromacy



## Original Color

61.7596, 0.3537, 0.3514

## Protanomaly

61.9353, 0.3423, 0.3542

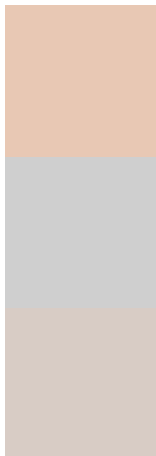
## Deuteranomaly

61.8043, 0.3565, 0.3501

## Tritanomaly

61.7648, 0.3410, 0.3258

# Monochromacy



## Original Color

61.7596, 0.3537, 0.3514

## Achromatopsia

62.3960, 0.3127, 0.3290

## Achromatomaly

61.8159, 0.3271, 0.3371

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.7596, 0.3537, 0.3514 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, 200, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 200, 180)  
}
```

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, 200, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 200, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 61.7596, 0.3537, 0.3514 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, 200, 180) }
```

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

```
.border{ border-color:rgb(232, 200, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 200, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 200, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 200, 180);  
box-shadow:4px 4px 4px 4px rgb(232, 200,  
180) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.7596, 0.3537, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 200, 180) }
```

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

```
.background{ background-color: rgb(232,  
200, 180) }
```

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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