

# Converting Colors

Yxy(59.4558, 0.3643, 0.3553)

Have a look what the booklet for  
Yxy(59.4558, 0.3643, 0.3553)  
contains.

<b>Yxy(59.6327, 0.3648, 0.3559)</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(59.6327, 0.3648, 0.3559)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBC3AB
RGB	235, 195, 171
RGB Percent	92%, 76%, 67%
CMY	0.0784, 0.2353, 0.3296
CMYK	0.00, 0.17, 0.27, 0.08
HSL	23°, 62%, 80%
HSV	23°, 27%, 92%
XYZ	61.1239, 59.6327, 46.7980
YIQ	204.2240, 31.5440, 1.0160

# Conversions

## Conversions Part 2

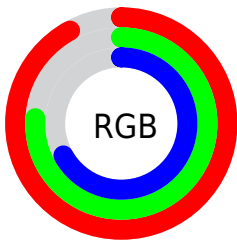
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 209, 171
Decimal	15451051
CIE <sub>Lab</sub>	81.64, 10.73, 17.41
CIE <sub>LCh</sub>	82, 20.447, 58.362
Yxy	59.6327, 0.3648, 0.3559
Android (android.graphics.Color)	4293641131 (0xFFEBC3AB)
YUV	204.2240, -16.3794, 26.9906
Hunter-Lab	77.2222, 6.1498, 18.1248

# Details

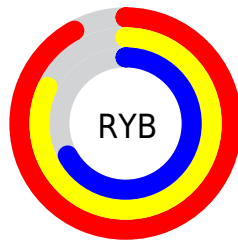
The Yxy color  $59.6327, 0.3648, 0.3559$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $61.2184, 0.2702, 0.3004$ , and the grayscale version is  $60.6233, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $96.3718, 0.3301, 0.3543$ , and  $29.8466, 0.3778, 0.3612$  is the 20% darker color. If you saturate the color by 10%, you get  $52.5606, 0.3899, 0.3663$ , and if you desaturate by 10%, it is  $67.5160, 0.3431, 0.3456$ .

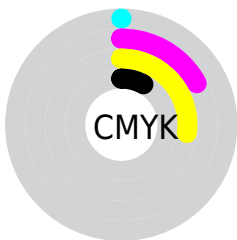
# Distribution



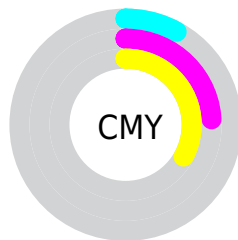
- Red (92%)
- Green (76%)
- Blue (67%)



- Red (92%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (17%)
- Yellow (27%)
- Black (8%)




- Cyan (8%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6327, 0.3648, 0.3559 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 59.6327, 0.3648, 0.3559 by changing the saturation by 10% instead.





 59.6327, 0.3648,  
0.3559

 59.6327, 0.3648,  
0.3559


423.2426, 0.3397,  
0.3435

 43.1226, 0.3708,  
0.3587


 104.2967, 0.3559,  
0.3516

 29.9814, 0.3783,  
0.3621


133.2194, 0.3525,  
0.3500

 19.8244, 0.3881,  
0.3663


167.0484, 0.3495,  
0.3485

 12.2675, 0.4011,  
0.3718

206.1682, 0.3470,  
0.3473

 6.9261, 0.4194,  
0.3788

250.9631, 0.3448,  
0.3462

 3.4159, 0.4467,  
0.3878

301.8176, 0.3429,

 1.3525, 0.5198,

0.3452

0.4222

359.1159, 0.3412,  
0.3443

0.1814, 0.7054,  
0.2946

0.0000, 0.0000,  
0.0000

59.6327, 0.3648,  
0.3559

59.6327, 0.3648,  
0.3559

52.5606, 0.3899,  
0.3663

67.5160, 0.3431,  
0.3456

46.2645, 0.4184,  
0.3761

76.2280, 0.3245,  
0.3358

40.7185, 0.4500,  
0.3845

85.7956, 0.3086,  
0.3265

35.8919, 0.4834,  
0.3904

95.5839, 0.3005,  
0.3277

■ 31.7517, 0.5169,  
0.3923

■ 96.4022, 0.3005,  
0.3290

■ 28.2614, 0.5475,  
0.3893

■ 25.3788, 0.5728,  
0.3811

■ 24.6812, 0.5791,  
0.3784

# Harmonies

## Analogous

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



59.6327, 0.3606, 0.3346



59.6327, 0.3648, 0.3559



59.6327, 0.3544, 0.3713

# Triad

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



59.6327, 0.3648, 0.3559



59.6327, 0.2827, 0.3453



59.6327, 0.2913, 0.2862

# Complementary

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



59.6327, 0.3648, 0.3559



61.2184, 0.2702, 0.3004

# 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.



59.6327, 0.2718, 0.2872



59.6327, 0.3648, 0.3559



59.6327, 0.2670, 0.3203

# Square

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



59.6327, 0.3648, 0.3559



59.6327, 0.3066, 0.3662



59.6327, 0.2632, 0.2992



59.6327, 0.3172, 0.2955



# Rectangle

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



59.6327, 0.3648, 0.3559



59.6327, 0.3410, 0.3757



59.6327, 0.2632, 0.2992



59.6327, 0.2838, 0.2853

# Sweetspot

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



59.6354, 0.3648, 0.3559



90.8942, 0.3258, 0.3365



51.5038, 0.3353, 0.2848



19.1045, 0.3285, 0.3380



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.



59.6354, 0.3648, 0.3559



66.6459, 0.3792, 0.3620



75.2456, 0.3561, 0.3887



15.9808, 0.3283, 0.3379



13.9619, 0.5762, 0.3807



1.2760, 0.5502, 0.4013

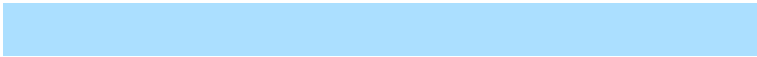


# Inverse Universe

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



61.2184, 0.2702, 0.3004



68.8518, 0.2611, 0.2932



47.0940, 0.2663, 0.2613



16.1163, 0.2981, 0.3199



15.1636, 0.1893, 0.2013



1.3746, 0.1947, 0.2209



# Previews

## White Background



This preview shows how the Yxy color 59.6327, 0.3648, 0.3559 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 59.6327, 0.3648, 0.3559 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

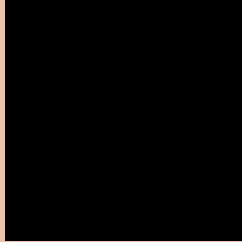
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 59.6327, 0.3648, 0.3559**

## Background



This preview shows how black text looks on a background with the Yxy color 59.6327, 0.3648, 0.3559.



This preview shows how white text looks on a background with the Yxy color 59.6327, 0.3648, 0.3559.

# 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

59.6327, 0.3648, 0.3559

### Protanopia

59.9532, 0.3413, 0.3620

### Deuteranopia

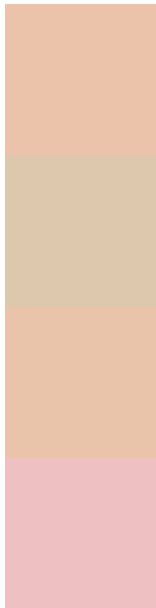
59.4629, 0.3639, 0.3559



## Tritanopia

59.5854, 0.3415, 0.3129

# Trichromacy



## Original Color

59.6327, 0.3648, 0.3559

## Protanomaly

59.7367, 0.3493, 0.3591

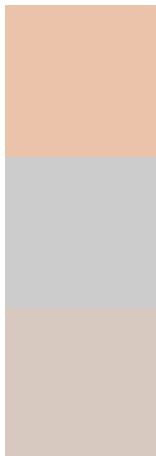
## Deuteranomaly

59.4629, 0.3639, 0.3559

## Tritanomaly

59.7267, 0.3500, 0.3280

# Monochromacy



## Original Color

59.6327, 0.3648, 0.3559

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.0261, 0.3304, 0.3395

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.6327, 0.3648, 0.3559 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(235, 195, 171)` looks like.

```
.text, #text, p{  
    color:rgb(235, 195, 171)  
}
```

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(235, 195, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 195, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 59.6327, 0.3648, 0.3559 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(235, 195, 171) }
```

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

```
.border{ border-color:rgb(235, 195, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 195, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 195, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 195, 171);  
box-shadow:4px 4px 4px 4px rgb(235, 195,  
171) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.6327, 0.3648, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 195, 171) }
```

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

```
.background{ background-color: rgb(235,  
195, 171) }
```

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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