

# Converting Colors

Yxy(57.9940, 0.3618, 0.3448)

Have a look what the booklet for  
Yxy(57.9940, 0.3618, 0.3448)  
contains.

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# Color

**Yxy(58.0981, 0.3609, 0.3447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBBFB1
RGB	235, 191, 177
RGB Percent	92%, 75%, 69%
CMY	0.0785, 0.2510, 0.3057
CMYK	0.00, 0.19, 0.25, 0.08
HSL	14°, 59%, 81%
HSV	14°, 25%, 92%
XYZ	60.8286, 58.0981, 49.6202
YIQ	202.5600, 30.7180, 4.9740

# Conversions

## Conversions Part 2

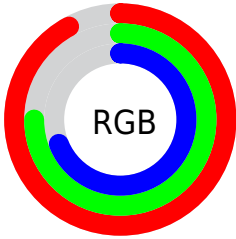
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 195, 177
Decimal	15450033
CIE Lab	80.79, 13.67, 12.98
CIE LCh	81, 18.849, 43.507
Yxy	58.0981, 0.3609, 0.3447
Android (android.graphics.Color)	4293640113 (0xFFE8BFB1)
YUV	202.5600, -12.6011, 28.4499
Hunter-Lab	76.2221, 9.0621, 14.7580

# Details

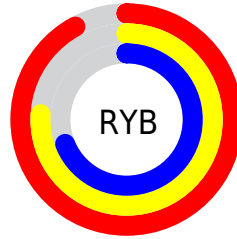
The Yxy color **58.0981, 0.3609, 0.3447** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.0738, 0.2750, 0.3127**, and the grayscale version is **59.4992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6647, 0.3264, 0.3427**, and **29.0972, 0.3735, 0.3496** is the 20% darker color. If you saturate the color by 10%, you get **49.9313, 0.3873, 0.3515**, and if you desaturate by 10%, it is **67.3788, 0.3387, 0.3381**.

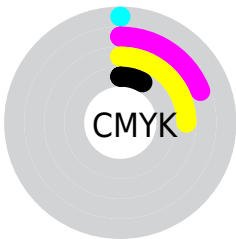
# Distribution



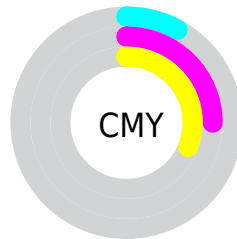
- Red (92%)
- Green (75%)
- Blue (69%)



- Red (92%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (25%)
- Black (8%)




- Cyan (8%)
- Magenta (25%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.0981, 0.3609, 0.3447 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 58.0981, 0.3609, 0.3447 by changing the saturation by 10% instead.




 58.0981, 0.3609,  
0.3447

 58.0981, 0.3609,  
0.3447


417.5514, 0.3375,  
0.3376

 41.8875, 0.3665,  
0.3463


 102.0657, 0.3526,  
0.3423

 29.0132, 0.3736,  
0.3482


130.5915, 0.3494,  
0.3413

 19.0908, 0.3829,  
0.3505


163.9912, 0.3467,  
0.3405

 11.7359, 0.3954,  
0.3534

202.6491, 0.3443,  
0.3398

 6.5641, 0.4132,  
0.3571

246.9497, 0.3423,  
0.3391

 3.1910, 0.4404,  
0.3615

297.2774, 0.3405,

 1.2323, 0.5019,

0.3386

0.3775

354.0165, 0.3389,  
0.3380

0.0878, 0.8261,  
0.1739

0.0000, 0.0000,  
0.0000

58.0981, 0.3609,  
0.3447

58.0981, 0.3609,  
0.3447

49.9313, 0.3873,  
0.3515

67.3788, 0.3387,  
0.3381

42.8284, 0.4184,  
0.3579

77.8054, 0.3202,  
0.3318

36.7470, 0.4540,  
0.3634

89.4182, 0.3049,  
0.3260

31.6389, 0.4930,  
0.3671

96.4011, 0.3005,  
0.3290

■ 27.4521, 0.5330,  
0.3677

■ 24.1288, 0.5701,  
0.3644

■ 21.6043, 0.5996,  
0.3570

■ 20.5524, 0.6120,  
0.3523

# Harmonies

## Analogous

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



58.0981, 0.3504, 0.3240



58.0981, 0.3609, 0.3447



58.0981, 0.3579, 0.3624

# Triad

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



58.0981, 0.3609, 0.3447



58.0981, 0.2952, 0.3547



58.0981, 0.2827, 0.2882

# Complementary

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



58.0981, 0.3609, 0.3447



67.0738, 0.2750, 0.3127

# 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.



58.0981, 0.2692, 0.2944



58.0981, 0.3609, 0.3447



58.0981, 0.2761, 0.3325

# Square

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



58.0981, 0.3609, 0.3447



58.0981, 0.3194, 0.3694



58.0981, 0.2668, 0.3103



58.0981, 0.3046, 0.2923



# Rectangle

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



58.0981, 0.3609, 0.3447



58.0981, 0.3487, 0.3699



58.0981, 0.2668, 0.3103



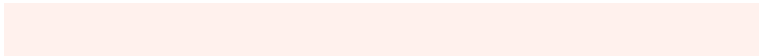
58.0981, 0.2771, 0.2891

# Sweetspot

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



58.1008, 0.3609, 0.3447



90.5622, 0.3243, 0.3332



54.3645, 0.3263, 0.2811



19.2169, 0.3254, 0.3336



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.



58.1008, 0.3609, 0.3447



64.3999, 0.3748, 0.3484



71.7810, 0.3536, 0.3751



15.6436, 0.3287, 0.3347



11.6046, 0.6094, 0.3544



1.0574, 0.5826, 0.3756



# Inverse Universe

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



67.0738, 0.2750, 0.3127



77.0580, 0.2670, 0.3086



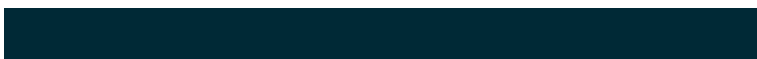
53.2638, 0.2720, 0.2782



16.4708, 0.2981, 0.3232



21.3458, 0.2026, 0.2492



1.8233, 0.2060, 0.2616



# Previews

## White Background



This preview shows how the Yxy color 58.0981, 0.3609, 0.3447 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 58.0981, 0.3609, 0.3447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

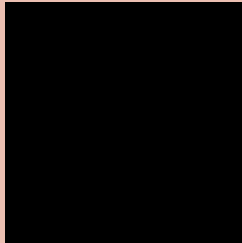
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.0981, 0.3609, 0.3447**

## Background



This preview shows how black text looks on a background with the Yxy color 58.0981, 0.3609, 0.3447.



This preview shows how white text looks on a background with the Yxy color 58.0981, 0.3609, 0.3447.

# 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

58.0981, 0.3609, 0.3447

### Protanopia

58.2413, 0.3333, 0.3504

### Deuteranopia

57.9723, 0.3553, 0.3472



## Tritanopia

57.9821, 0.3436, 0.3128

# Trichromacy



## Original Color

58.0981, 0.3609, 0.3447

## Protanomaly

58.1332, 0.3428, 0.3489

## Deuteranomaly

57.8625, 0.3573, 0.3460

## Tritanomaly

57.8212, 0.3500, 0.3236

# Monochromacy



## Original Color

58.0981, 0.3609, 0.3447

## Achromatopsia

59.7202, 0.3127, 0.3290

## Achromatomaly

59.1890, 0.3292, 0.3348

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.0981, 0.3609, 0.3447 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, 191, 177)` looks like.

```
.text, #text, p{  
    color:rgb(235, 191, 177)  
}
```

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, 191, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 191, 177) }
```

## Border

The CSS property to change the border of an element to Yxy 58.0981, 0.3609, 0.3447 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, 191, 177) }
```

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

```
.border{ border-color:rgb(235, 191, 177) }
```

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

Here you see how a box with a 4 pixel rgb(235, 191, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 191, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 191, 177);  
box-shadow:4px 4px 4px 4px rgb(235, 191,  
177) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.0981, 0.3609, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 191, 177) }
```

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

```
.background{ background-color: rgb(235,  
191, 177) }
```

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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