

# Converting Colors

Yxy(59.4314, 0.3549, 0.3456)

Have a look what the booklet for  
Yxy(59.4314, 0.3549, 0.3456)  
contains.

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# Color

**Yxy(59.4813, 0.3549, 0.3459)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8C3B4
RGB	232, 195, 180
RGB Percent	91%, 76%, 71%
CMY	0.0903, 0.2353, 0.2941
CMYK	0.00, 0.16, 0.22, 0.09
HSL	17°, 53%, 81%
HSV	17°, 22%, 91%
XYZ	61.0289, 59.4813, 51.4507
YIQ	204.3530, 26.8670, 3.1790

# Conversions

## Conversions Part 2

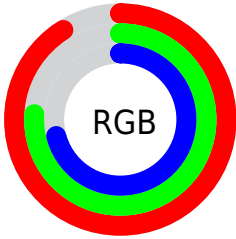
Format	Color
R <sub>Y</sub> B	232, 201, 180
Decimal	15254452
CIE Lab	81.56, 10.86, 12.42
CIE LCh	82, 16.498, 48.839
Yxy	59.4813, 0.3549, 0.3459
Android (android.graphics.Color)	4293444532 (0xFFE8C3B4)
YUV	204.3530, -12.0060, 24.2464
Hunter-Lab	77.1241, 6.2813, 14.4336

# Details

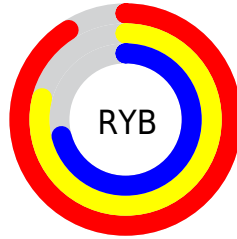
The Yxy color **59.4813, 0.3549, 0.3459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1486, 0.2782, 0.3114**, and the grayscale version is **60.6843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9369, 0.3241, 0.3445**, and **29.8122, 0.3667, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **51.6241, 0.3796, 0.3540**, and if you desaturate by 10%, it is **68.3196, 0.3340, 0.3381**.

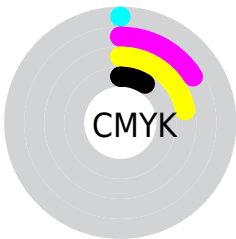
# Distribution



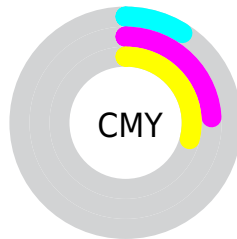
- Red (91%)
- Green (76%)
- Blue (71%)



- Red (91%)
- Yellow (79%)
- Blue (71%)



- Cyan (0%)
- Magenta (16%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4813, 0.3549, 0.3459 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 59.4813, 0.3549, 0.3459 by changing the saturation by 10% instead.




 59.4813, 0.3549,  
0.3459

 59.4813, 0.3549,  
0.3459


422.6832, 0.3345,  
0.3381

 43.0007, 0.3598,  
0.3476


 104.0769, 0.3476,  
0.3432

 29.8857, 0.3659,  
0.3498


132.9606, 0.3449,  
0.3422

 19.7518, 0.3739,  
0.3525


166.7475, 0.3425,  
0.3413

 12.2148, 0.3847,  
0.3559

205.8219, 0.3405,  
0.3405

 6.8901, 0.3999,  
0.3604

250.5683, 0.3387,  
0.3398

 3.3935, 0.4231,  
0.3664

301.3711, 0.3371,

 1.3404, 0.4704,

0.3392

0.3807

358.6146, 0.3357,  
0.3386

0.1722, 0.7135,  
0.2865

0.0000, 0.0000,  
0.0000

59.4813, 0.3549,  
0.3459

59.4813, 0.3549,  
0.3459

51.6241, 0.3796,  
0.3540

68.3196, 0.3340,  
0.3381

44.7055, 0.4085,  
0.3618

78.1635, 0.3165,  
0.3307

38.6918, 0.4415,  
0.3688

89.0467, 0.3018,  
0.3239

33.5442, 0.4779,  
0.3741

95.8931, 0.2987,  
0.3290

■ 29.2207, 0.5157,  
0.3763

■ 25.6756, 0.5520,  
0.3744

■ 22.8577, 0.5828,  
0.3679

■ 21.1610, 0.6014,  
0.3607

# Harmonies

## Analogous

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



59.4813, 0.3478, 0.3280



59.4813, 0.3549, 0.3459



59.4813, 0.3502, 0.3602

# Triad

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



59.4813, 0.3549, 0.3459



59.4813, 0.2941, 0.3481



59.4813, 0.2896, 0.2934

# Complementary

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



59.4813, 0.3549, 0.3459



65.1486, 0.2782, 0.3114

# 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.



59.4813, 0.2762, 0.2973



59.4813, 0.3549, 0.3459



59.4813, 0.2787, 0.3285

# Square

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



59.4813, 0.3549, 0.3459



59.4813, 0.3148, 0.3623



59.4813, 0.2723, 0.3099



59.4813, 0.3095, 0.2984



# Rectangle

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



59.4813, 0.3549, 0.3459



59.4813, 0.3412, 0.3656



59.4813, 0.2723, 0.3099



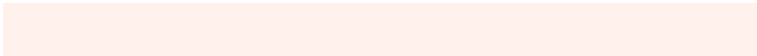
59.4813, 0.2842, 0.2937

# Sweetspot

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



59.4840, 0.3549, 0.3459



91.0669, 0.3242, 0.3341



54.8242, 0.3269, 0.2884



19.3335, 0.3253, 0.3345



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.



59.4840, 0.3549, 0.3459



68.9632, 0.3661, 0.3497



72.0159, 0.3490, 0.3734



15.0421, 0.3285, 0.3358



11.9369, 0.5985, 0.3630



1.0375, 0.5697, 0.3858

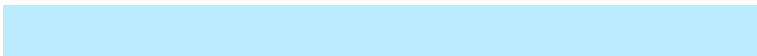


# Inverse Universe

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



65.1486, 0.2782, 0.3114



77.1697, 0.2711, 0.3072



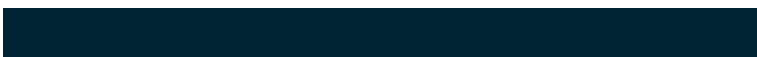
52.9111, 0.2759, 0.2803



15.5967, 0.2981, 0.3221



18.4102, 0.1979, 0.2325

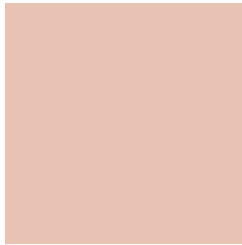


1.5179, 0.2023, 0.2482



# Previews

## White Background



This preview shows how the Yxy color 59.4813, 0.3549, 0.3459 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 59.4813, 0.3549, 0.3459 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

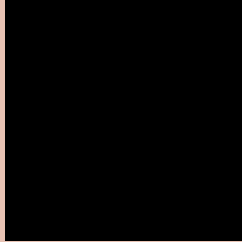
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 59.4813, 0.3549, 0.3459**

## Background



This preview shows how black text looks on a background with the Yxy color 59.4813, 0.3549, 0.3459.



This preview shows how white text looks on a background with the Yxy color 59.4813, 0.3549, 0.3459.

# 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

59.4813, 0.3549, 0.3459

### Protanopia

59.5506, 0.3331, 0.3502

### Deuteranopia

59.3144, 0.3541, 0.3460



## Tritanopia

59.3800, 0.3372, 0.3127

# Trichromacy



## Original Color

59.4813, 0.3549, 0.3459

## Protanomaly

59.3258, 0.3409, 0.3476

## Deuteranomaly

59.3144, 0.3541, 0.3460

## Tritanomaly

59.2229, 0.3434, 0.3236

# Monochromacy



## Original Color

59.4813, 0.3549, 0.3459

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

60.0096, 0.3274, 0.3360

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.4813, 0.3549, 0.3459 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, 195, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 195, 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, 195, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 195, 180) }
```

## Border

The CSS property to change the border of an element to Yxy 59.4813, 0.3549, 0.3459 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, 195, 180) }
```

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

```
.border{ border-color:rgb(232, 195, 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, 195, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 195, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 195, 180); box-shadow:4px 4px 4px 4px rgb(232, 195, 180) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.4813, 0.3549, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 195, 180) }
```

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

```
.background{ background-color: rgb(232,  
195, 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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