

# Converting Colors

$Yxy(59.7697, 0.3785, 0.3488)$

Have a look what the booklet for  
Yxy(59.7697, 0.3785, 0.3488)  
contains.

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# Color

**Yxy(59.9069, 0.3782, 0.3495)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9BEAB
RGB	249, 190, 171
RGB Percent	98%, 75%, 67%
CMY	0.0236, 0.2548, 0.3294
CMYK	0.00, 0.24, 0.31, 0.02
HSL	15°, 87%, 82%
HSV	15°, 31%, 98%
XYZ	64.8263, 59.9069, 46.6742
YIQ	205.4750, 41.2630, 6.5990

# Conversions

## Conversions Part 2

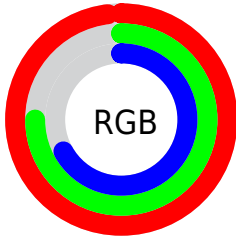
Format	Color
RYB	249, 196, 171
Decimal	16367275
CIELab	81.79, 18.63, 17.80
CIELCh	82, 25.762, 43.701
Yxy	59.9069, 0.3782, 0.3495
Android (android.graphics.Color)	4294557355 (0xFFF9BEAB)
YUV	205.4750, -16.9962, 38.1714
Hunter-Lab	77.3995, 14.0542, 18.4260

# Details

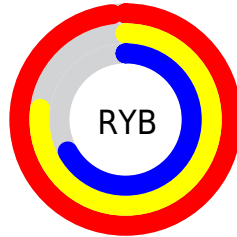
The Yxy color **59.9069, 0.3782, 0.3495** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0731, 0.2652, 0.3074**, and the grayscale version is **61.4604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6625, 0.3308, 0.3486**, and **30.0166, 0.3950, 0.3527** is the 20% darker color. If you saturate the color by 10%, you get **51.4112, 0.4078, 0.3562**, and if you desaturate by 10%, it is **69.6406, 0.3532, 0.3427**.

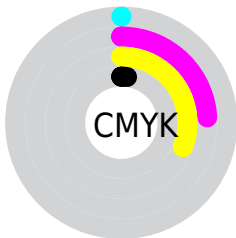
# Distribution



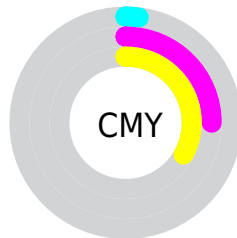
- Red (98%)
- Green (75%)
- Blue (67%)



- Red (98%)
- Yellow (77%)
- Blue (67%)



- Cyan (0%)
- Magenta (24%)
- Yellow (31%)
- Black (2%)




- Cyan (2%)
- Magenta (25%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9069, 0.3782, 0.3495 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 59.9069, 0.3782, 0.3495 by changing the saturation by 10% instead.





 59.9069, 0.3782,  
0.3495

 59.9069, 0.3782,  
0.3495


424.2545, 0.3465,  
0.3405

 43.3436, 0.3858,  
0.3514


 104.6946, 0.3669,  
0.3465

 30.1548, 0.3953,  
0.3536


133.6878, 0.3626,  
0.3453

 19.9561, 0.4075,  
0.3562


167.5931, 0.3590,  
0.3443

 12.3631, 0.4240,  
0.3593

206.7948, 0.3558,  
0.3433

 6.9915, 0.4470,  
0.3627

251.6774, 0.3530,  
0.3425

 3.4568, 0.4812,  
0.3659

302.6253, 0.3506,

 1.3746, 0.5651,

0.3418

0.3854

360.0229, 0.3485,  
0.3411

0.1979, 0.7646,  
0.2354

0.0000, 0.0000,  
0.0000

59.9069, 0.3782,  
0.3495

59.9069, 0.3782,  
0.3495

51.4112, 0.4078,  
0.3562

69.6406, 0.3532,  
0.3427

44.0950, 0.4420,  
0.3622

80.6512, 0.3322,  
0.3360

37.9074, 0.4802,  
0.3666

92.9859, 0.3148,  
0.3298

32.7905, 0.5202,  
0.3684

98.8765, 0.3090,  
0.3290

■ 28.6808, 0.5587,  
0.3664

■ 25.5074, 0.5910,  
0.3602

■ 23.4426, 0.6119,  
0.3523

# Harmonies

## Analogous

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



59.9069, 0.3640, 0.3221



59.9069, 0.3782, 0.3495



59.9069, 0.3737, 0.3736

# Triad

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



59.9069, 0.3782, 0.3495



59.9069, 0.2886, 0.3640



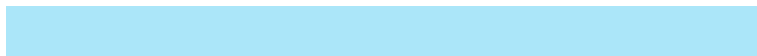
59.9069, 0.2725, 0.2746

# Complementary

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



59.9069, 0.3782, 0.3495



72.0731, 0.2652, 0.3074

# 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.



59.9069, 0.2546, 0.2822



59.9069, 0.3782, 0.3495



59.9069, 0.2635, 0.3331

# Square

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



59.9069, 0.3782, 0.3495



59.9069, 0.3210, 0.3844



59.9069, 0.2514, 0.3029



59.9069, 0.3017, 0.2803



# Rectangle

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



59.9069, 0.3782, 0.3495



59.9069, 0.3610, 0.3843



59.9069, 0.2514, 0.3029



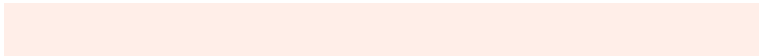
59.9069, 0.2651, 0.2756

# Sweetspot

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



59.9097, 0.3782, 0.3495



88.0319, 0.3279, 0.3345



55.0201, 0.3310, 0.2677



18.4515, 0.3306, 0.3355



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.



59.9097, 0.3782, 0.3495



57.0756, 0.3976, 0.3541



78.6667, 0.3661, 0.3881



17.9124, 0.3288, 0.3349



12.7351, 0.6092, 0.3545



1.3379, 0.5865, 0.3725

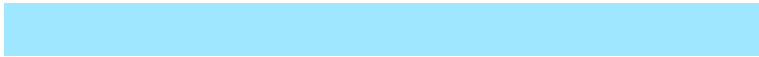


# Inverse Universe

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



72.0731, 0.2652, 0.3074



71.8609, 0.2557, 0.3020



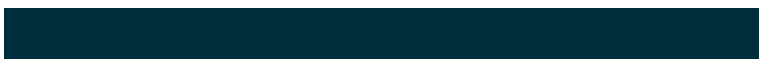
53.1062, 0.2597, 0.2618



18.8495, 0.2980, 0.3231



23.2138, 0.2022, 0.2480



2.3149, 0.2052, 0.2588



# Previews

## White Background



This preview shows how the Yxy color 59.9069, 0.3782, 0.3495 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 59.9069, 0.3782, 0.3495 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

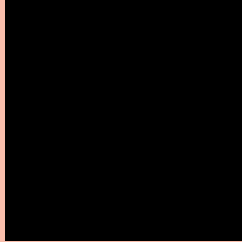
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 59.9069, 0.3782, 0.3495**

## Background



This preview shows how black text looks on a background with the Yxy color 59.9069, 0.3782, 0.3495.



This preview shows how white text looks on a background with the Yxy color 59.9069, 0.3782, 0.3495.

# 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

59.9069, 0.3782, 0.3495

### Protanopia

60.0724, 0.3390, 0.3584

### Deuteranopia

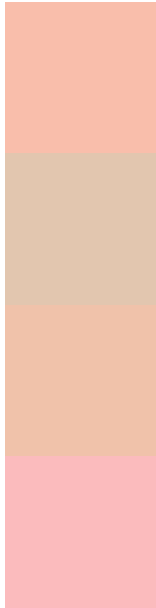
60.0443, 0.3653, 0.3581



## Tritanopia

59.9834, 0.3572, 0.3145

# Trichromacy



## Original Color

59.9069, 0.3782, 0.3495

## Protanomaly

59.6521, 0.3532, 0.3553

## Deuteranomaly

60.0111, 0.3701, 0.3555

## Tritanomaly

59.7240, 0.3655, 0.3270

# Monochromacy



## Original Color

59.9069, 0.3782, 0.3495

## Achromatopsia

61.0496, 0.3127, 0.3290

## Achromatomaly

60.5310, 0.3346, 0.3370

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 59.9069, 0.3782, 0.3495 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(249, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(249, 190, 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(249, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 190, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 59.9069, 0.3782, 0.3495 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(249, 190, 171) }
```

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

```
.border{ border-color:rgb(249, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 190, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 190, 171); box-shadow:4px 4px 4px 4px rgb(249, 190, 171) }
```



# Background

The CSS property to change the background color of an element to Yxy 59.9069, 0.3782, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 190, 171) }
```

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

```
.background{ background-color: rgb(249,  
190, 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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