

# Converting Colors

$Yxy(62.5117, 0.3655, 0.3418)$

Have a look what the booklet for  
Yxy(62.5117, 0.3655, 0.3418)  
contains.

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# Color

**Yxy(62.4056, 0.3659, 0.3419)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8C3B7
RGB	248, 195, 183
RGB Percent	97%, 76%, 72%
CMY	0.0273, 0.2353, 0.2823
CMYK	0.00, 0.21, 0.26, 0.03
HSL	11°, 82%, 85%
HSV	11°, 26%, 97%
XYZ	66.7862, 62.4056, 53.3341
YIQ	209.4790, 35.4400, 7.5040

# Conversions

## Conversions Part 2

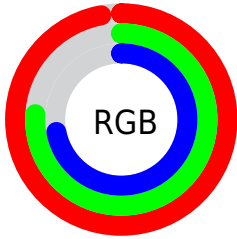
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 198, 183
Decimal	16303031
CIE Lab	83.13, 17.24, 13.26
CIE LCh	83, 21.744, 37.561
Yxy	62.4056, 0.3659, 0.3419
Android (android.graphics.Color)	4294493111 (0xFFF8C3B7)
YUV	209.4790, -13.0541, 33.7829
Hunter-Lab	78.9972, 12.6632, 15.2691

# Details

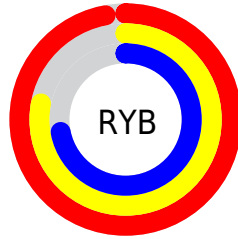
The Yxy color **62.4056, 0.3659, 0.3419** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.8822, 0.2730, 0.3157**, and the grayscale version is **64.1634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1128, 0.3223, 0.3416**, and **31.7378, 0.3801, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **53.0026, 0.3942, 0.3471**, and if you desaturate by 10%, it is **73.2255, 0.3424, 0.3368**.

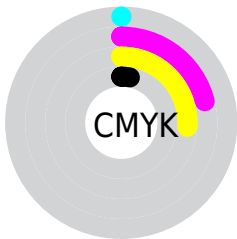
# Distribution



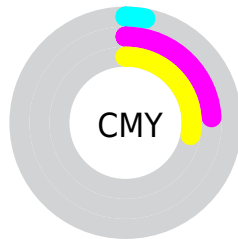
- Red (97%)
- Green (76%)
- Blue (72%)



- Red (97%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (3%)




- Cyan (3%)
- Magenta (24%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4056, 0.3659, 0.3419 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 62.4056, 0.3659, 0.3419 by changing the saturation by 10% instead.





 62.4056, 0.3659,  
0.3419

 62.4056, 0.3659,  
0.3419


433.4091, 0.3404,  
0.3363

 45.3605, 0.3720,  
0.3431


 108.3115, 0.3569,  
0.3400

 31.7415, 0.3796,  
0.3444


137.9411, 0.3534,  
0.3393

 21.1641, 0.3894,  
0.3461


172.5344, 0.3504,  
0.3386

 13.2440, 0.4025,  
0.3480

212.4757, 0.3479,  
0.3381

 7.5968, 0.4209,  
0.3502

258.1494, 0.3456,  
0.3376

 3.8380, 0.4485,  
0.3524

309.9399, 0.3437,

 1.5834, 0.4971,

0.3371

368.2317, 0.3419,  
0.3367

0.3556

0.3464, 0.6841,  
0.3159

0.0000, 0.0000,  
0.0000

62.4056, 0.3659,  
0.3419

62.4056, 0.3659,  
0.3419

53.0026, 0.3942,  
0.3471

73.2255, 0.3424,  
0.3368

44.9493, 0.4277,  
0.3520

85.5088, 0.3230,  
0.3319

38.1855, 0.4662,  
0.3559

98.7042, 0.3084,  
0.3290

32.6436, 0.5082,  
0.3580

■ 28.2492, 0.5503,  
0.3574

■ 24.9196, 0.5877,  
0.3534

■ 22.5603, 0.6151,  
0.3463

■ 21.8918, 0.6229,  
0.3436

# Harmonies

## Analogous

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



62.4056, 0.3512, 0.3188



62.4056, 0.3659, 0.3419



62.4056, 0.3655, 0.3630

# Triad

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



62.4056, 0.3659, 0.3419



62.4056, 0.2980, 0.3623



62.4056, 0.2751, 0.2837

# Complementary

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



62.4056, 0.3659, 0.3419



76.8822, 0.2730, 0.3157

# 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.



62.4056, 0.2623, 0.2927



62.4056, 0.3659, 0.3419



62.4056, 0.2751, 0.3380

# Square

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



62.4056, 0.3659, 0.3419



62.4056, 0.3255, 0.3765



62.4056, 0.2623, 0.3123



62.4056, 0.2981, 0.2862



# Rectangle

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



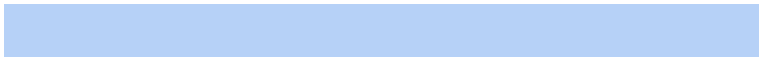
62.4056, 0.3659, 0.3419



62.4056, 0.3569, 0.3730



62.4056, 0.2623, 0.3123



62.4056, 0.2695, 0.2854

# Sweetspot

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



62.4085, 0.3659, 0.3419



88.5912, 0.3262, 0.3327



59.9017, 0.3249, 0.2748



18.5278, 0.3290, 0.3334



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.



62.4085, 0.3659, 0.3419



61.4372, 0.3789, 0.3444



78.5693, 0.3574, 0.3751



17.7419, 0.3289, 0.3334



11.9671, 0.6207, 0.3454



1.2439, 0.5996, 0.3621

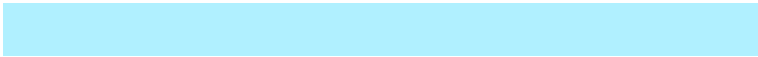


# Inverse Universe

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



76.8822, 0.2730, 0.3157



79.0288, 0.2662, 0.3129



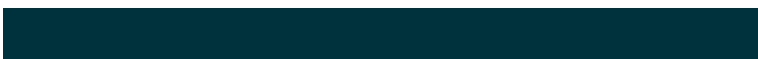
59.8494, 0.2695, 0.2782



19.0333, 0.2980, 0.3245



26.7604, 0.2080, 0.2689

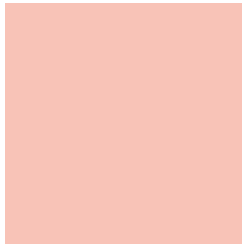


2.6147, 0.2103, 0.2769



# Previews

## White Background



This preview shows how the Yxy color 62.4056, 0.3659, 0.3419 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

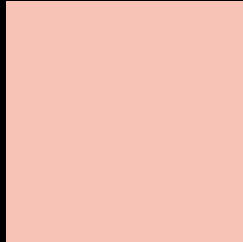
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.4056, 0.3659, 0.3419 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 62.4056, 0.3659, 0.3419**

## **Background**



This preview shows how black text looks on a background with the Yxy color 62.4056, 0.3659, 0.3419.



This preview shows how white text looks on a background with the Yxy color 62.4056, 0.3659, 0.3419.

# 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

62.4056, 0.3659, 0.3419

### Protanopia

62.7468, 0.3318, 0.3498

### Deuteranopia

62.5188, 0.3555, 0.3489



## Tritanopia

62.6647, 0.3502, 0.3145

# Trichromacy



## Original Color

62.4056, 0.3659, 0.3419

## Protanomaly

62.6306, 0.3436, 0.3470

## Deuteranomaly

62.2908, 0.3593, 0.3466

## Tritanomaly

62.5411, 0.3557, 0.3239

# Monochromacy



## Original Color

62.4056, 0.3659, 0.3419

## Achromatopsia

63.7597, 0.3127, 0.3290

## Achromatomaly

63.0438, 0.3304, 0.3335

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.4056, 0.3659, 0.3419 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(248, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(248, 195, 183)  
}
```

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(248, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 195, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 62.4056, 0.3659, 0.3419 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(248, 195, 183) }
```

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

```
.border{ border-color:rgb(248, 195, 183) }
```

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

Here you see how a box with a 4 pixel rgb(248, 195, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(248, 195,  
183) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.4056, 0.3659, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 195, 183) }
```

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

```
.background{ background-color: rgb(248,  
195, 183) }
```

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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