

# Converting Colors

$Yxy(62.5673, 0.3756, 0.3436)$

Have a look what the booklet for  
Yxy(62.5673, 0.3756, 0.3436)  
contains.

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# Color

**Yxy(62.6546, 0.3756, 0.3438)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC1B3
RGB	255, 193, 179
RGB Percent	100%, 76%, 70%
CMY	0.0000, 0.2431, 0.2980
CMYK	0.00, 0.24, 0.30, 0.00
HSL	11°, 100%, 85%
HSV	11°, 30%, 100%
XYZ	68.4499, 62.6546, 51.1369
YIQ	209.9420, 41.4460, 8.7900

# Conversions

## Conversions Part 2

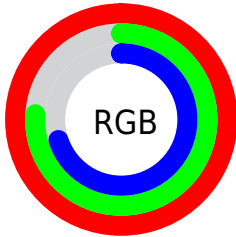
Format	Color
R <sub>Y</sub> B	255, 196, 179
Decimal	16761267
CIE Lab	83.26, 20.33, 15.68
CIE LCh	83, 25.672, 37.638
Yxy	62.6546, 0.3756, 0.3438
Android (android.graphics.Color)	4294951347 (0xFFFFC1B3)
YUV	209.9420, -15.2544, 39.5159
Hunter-Lab	79.1547, 15.8392, 17.1046

# Details

The Yxy color **62.6546, 0.3756, 0.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.7188, 0.2679, 0.3136**, and the grayscale version is **64.4906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6294, 0.3249, 0.3436**, and **31.8419, 0.3922, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **53.1569, 0.4058, 0.3489**, and if you desaturate by 10%, it is **73.6389, 0.3504, 0.3386**.

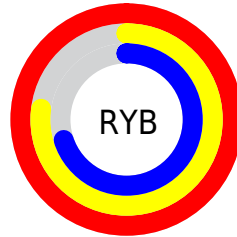
# Distribution



Red (100%)

Green (76%)

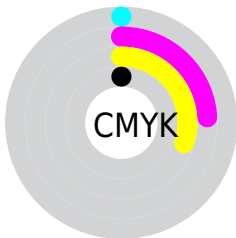
Blue (70%)



Red (100%)

Yellow (77%)

Blue (70%)

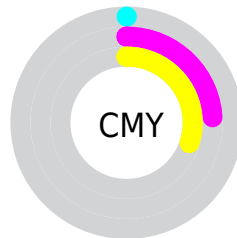


Cyan (0%)

Magenta (24%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6546, 0.3756, 0.3438 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 62.6546, 0.3756, 0.3438 by changing the saturation by 10% instead.





 62.6546, 0.3756,  
0.3438

 62.6546, 0.3756,  
0.3438


434.3149, 0.3454,  
0.3375

 45.5618, 0.3828,  
0.3451


 108.6711, 0.3649,  
0.3418

 31.9002, 0.3917,  
0.3465


138.3635, 0.3608,  
0.3409

 21.2853, 0.4033,  
0.3482


173.0247, 0.3573,  
0.3402

 13.3327, 0.4187,  
0.3501

213.0390, 0.3543,  
0.3395

 7.6580, 0.4402,  
0.3520

258.7907, 0.3516,  
0.3390

 3.8769, 0.4721,  
0.3534

310.6644, 0.3493,

 1.6050, 0.5313,

0.3384

0.3570

369.0443, 0.3473,  
0.3380

0.3609, 0.6993,  
0.3007

0.0000, 0.0000,  
0.0000

62.6546, 0.3756,  
0.3438

62.6546, 0.3756,  
0.3438

53.1569, 0.4058,  
0.3489

73.6389, 0.3504,  
0.3386

45.0787, 0.4413,  
0.3535

86.1672, 0.3295,  
0.3336

38.3518, 0.4814,  
0.3569

100.0000, 0.3127,  
0.3290

32.9014, 0.5239,  
0.3581

■ 28.6450, 0.5650,  
0.3563

■ 25.4902, 0.5992,  
0.3511

■ 23.3240, 0.6227,  
0.3436

■ 23.2897, 0.6231,  
0.3434

# Harmonies

## Analogous

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



62.6546, 0.3582, 0.3169



62.6546, 0.3756, 0.3438



62.6546, 0.3749, 0.3686

# Triad

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



62.6546, 0.3756, 0.3438



62.6546, 0.2951, 0.3685



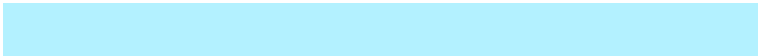
62.6546, 0.2686, 0.2760

# Complementary

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



62.6546, 0.3756, 0.3438



79.7188, 0.2679, 0.3136

# 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.



62.6546, 0.2538, 0.2862



62.6546, 0.3756, 0.3438



62.6546, 0.2684, 0.3394

# Square

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



62.6546, 0.3756, 0.3438



62.6546, 0.3275, 0.3854



62.6546, 0.2537, 0.3089



62.6546, 0.2955, 0.2790



# Rectangle

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



62.6546, 0.3756, 0.3438



62.6546, 0.3646, 0.3807



62.6546, 0.2537, 0.3089



62.6546, 0.2621, 0.2779

# Sweetspot

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



62.6556, 0.3756, 0.3438



87.2391, 0.3280, 0.3332



59.8582, 0.3269, 0.2671



18.2576, 0.3308, 0.3339



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.



62.6556, 0.3756, 0.3438



56.5964, 0.3937, 0.3470



81.6309, 0.3644, 0.3817



18.5280, 0.3290, 0.3334



12.3238, 0.6208, 0.3453

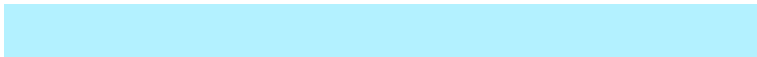


1.3383, 0.6008, 0.3611



# Inverse Universe

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



79.7188, 0.2679, 0.3136



76.2322, 0.2594, 0.3099



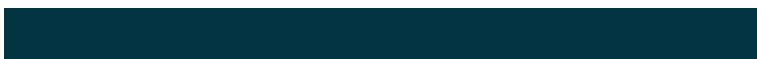
59.5505, 0.2630, 0.2699



19.8791, 0.2980, 0.3245



27.5601, 0.2080, 0.2688



2.8242, 0.2101, 0.2764



# Previews

## White Background



This preview shows how the Yxy color 62.6546, 0.3756, 0.3438 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

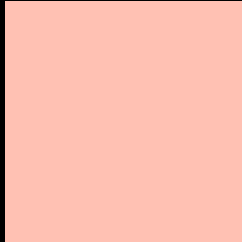
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.6546, 0.3756, 0.3438 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

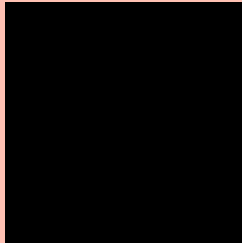
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.6546, 0.3756, 0.3438**

## Background



This preview shows how black text looks on a background with the Yxy color 62.6546, 0.3756, 0.3438.



This preview shows how white text looks on a background with the Yxy color 62.6546, 0.3756, 0.3438.

# 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**

62.6546, 0.3756, 0.3438

**Protanopia**

62.7697, 0.3348, 0.3532

**Deuteranopia**

62.7000, 0.3603, 0.3532



## Tritanopia

62.4465, 0.3555, 0.3147

# Trichromacy



## Original Color

62.6546, 0.3756, 0.3438

## Protanomaly

62.4830, 0.3493, 0.3503

## Deuteranomaly

62.3800, 0.3661, 0.3496

## Tritanomaly

62.4617, 0.3628, 0.3250

# Monochromacy



## Original Color

62.6546, 0.3756, 0.3438

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.4780, 0.3335, 0.3346

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.6546, 0.3756, 0.3438 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(255, 193, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 179)  
}
```

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(255, 193, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 179) }
```

## Border

The CSS property to change the border of an element to Yxy 62.6546, 0.3756, 0.3438 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(255, 193, 179) }
```

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

```
.border{ border-color:rgb(255, 193, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
179) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.6546, 0.3756, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 179) }
```

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

```
.background{ background-color: rgb(255,  
193, 179) }
```

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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