

# Converting Colors

Yxy(62.1702, 0.3471, 0.3019)

Have a look what the booklet for  
Yxy(62.1702, 0.3471, 0.3019)  
contains.

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# Color

**Yxy(62.1327, 0.3468, 0.3014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBCD7
RGB	255, 188, 215
RGB Percent	100%, 74%, 84%
CMY	0.0000, 0.2627, 0.1568
CMYK	0.00, 0.26, 0.16, 0.00
HSL	336°, 100%, 87%
HSV	336°, 26%, 100%
XYZ	71.4918, 62.1327, 72.5225
YIQ	211.1110, 31.2650, 22.6010

# Conversions

## Conversions Part 2

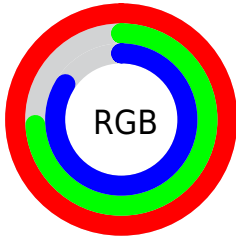
Format	Color
R <sub>Y</sub> B	255, 188, 215
Decimal	16760023
CIE Lab	82.98, 28.06, -4.00
CIE LCh	83, 28.347, 351.886
Yxy	62.1327, 0.3468, 0.3014
Android (android.graphics.Color)	4294950103 (0xFFFFBCD7)
YUV	211.1110, 1.9173, 38.4907
Hunter-Lab	78.8243, 23.9528, 0.6271

# Details

The Yxy color  $62.1327, 0.3468, 0.3014$  is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be  $87.8125, 0.2878, 0.3585$ , and the grayscale version is  $65.1910, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $93.7848, 0.3132, 0.3194$ , and  $31.4586, 0.3552, 0.2949$  is the 20% darker color. If you saturate the color by 10%, you get  $51.4383, 0.3650, 0.2904$ , and if you desaturate by 10%, it is  $74.8277, 0.3317, 0.3123$ .

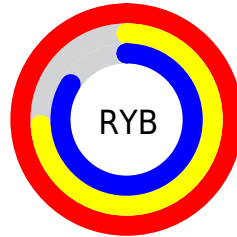
# Distribution



Red (100%)

Green (74%)

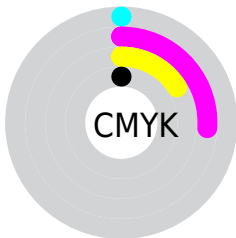
Blue (84%)



Red (100%)

Yellow (74%)

Blue (84%)

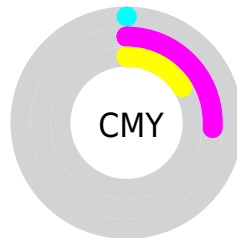


Cyan (0%)

Magenta (26%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (26%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1327, 0.3468, 0.3014 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 62.1327, 0.3468, 0.3014 by changing the saturation by 10% instead.



 62.1327, 0.3468,  
0.3014

 62.1327, 0.3468,  
0.3014


432.4150, 0.3307,  
0.3143

 45.1399, 0.3506,  
0.2984


 107.9173, 0.3411,  
0.3059

 31.5677, 0.3553,  
0.2947


137.4779, 0.3390,  
0.3076

 21.0315, 0.3613,  
0.2900


171.9966, 0.3371,  
0.3091

 13.1470, 0.3693,  
0.2838

211.8578, 0.3355,  
0.3105

 7.5299, 0.3804,  
0.2752

257.4458, 0.3341,  
0.3116

 3.7956, 0.3969,  
0.2628

309.1451, 0.3328,

 1.5599, 0.4240,

0.3126

0.2429

367.3400, 0.3317,  
0.3135

0.3303, 0.5099,  
0.1669

0.0000, 0.0000,  
0.0000

62.1327, 0.3468,  
0.3014

62.1327, 0.3468,  
0.3014

51.4383, 0.3650,  
0.2904

74.8277, 0.3317,  
0.3123

42.6367, 0.3867,  
0.2799

89.6144, 0.3193,  
0.3228

35.6166, 0.4119,  
0.2708

100.0000, 0.3127,  
0.3290

30.2535, 0.4404,  
0.2643

■ 26.4062, 0.4710,  
0.2616

■ 23.9097, 0.5020,  
0.2640

■ 22.5592, 0.5311,  
0.2718

■ 22.2354, 0.5413,  
0.2756

# Harmonies

## Analogous

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



62.1327, 0.3105, 0.2804



62.1327, 0.3468, 0.3014



62.1327, 0.3746, 0.3294

# Triad

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



62.1327, 0.3468, 0.3014



62.1327, 0.3470, 0.3936



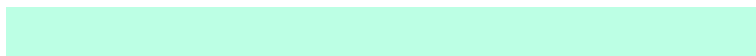
62.1327, 0.2457, 0.2931

# Complementary

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



62.1327, 0.3468, 0.3014



87.8125, 0.2878, 0.3585

# 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.



62.1327, 0.2542, 0.3237



62.1327, 0.3468, 0.3014



62.1327, 0.3116, 0.3852

# Square

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



62.1327, 0.3468, 0.3014



62.1327, 0.3741, 0.3828



62.1327, 0.2779, 0.3585



62.1327, 0.2536, 0.2745



# Rectangle

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



62.1327, 0.3468, 0.3014



62.1327, 0.3836, 0.3492



62.1327, 0.2779, 0.3585



62.1327, 0.2467, 0.3022

# Sweetspot

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



62.1342, 0.3468, 0.3014



86.9083, 0.3213, 0.3210



59.5319, 0.2948, 0.2591



18.1084, 0.3231, 0.3195



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.



62.1342, 0.3468, 0.3014



55.7715, 0.3568, 0.2951



63.2901, 0.3679, 0.3350



18.1084, 0.3231, 0.3195



11.6461, 0.5371, 0.2733



1.1549, 0.5071, 0.2567



# Inverse Universe

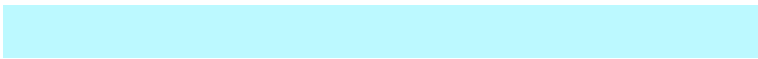
The Inverse Universe completely reimagines the original color for something new.



62.1342, 0.3468, 0.3014



55.7715, 0.3568, 0.2951



85.9210, 0.2736, 0.3229



18.1084, 0.3231, 0.3195



11.6461, 0.5371, 0.2733



1.1549, 0.5071, 0.2567



# Previews

## White Background



This preview shows how the Yxy color 62.1327, 0.3468, 0.3014 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

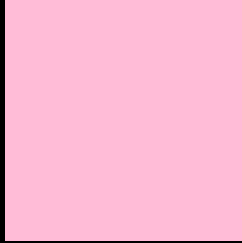
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 62.1327, 0.3468, 0.3014 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

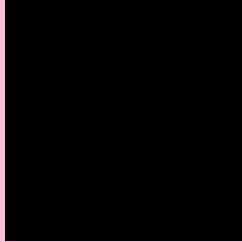
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 62.1327, 0.3468, 0.3014**

## Background



This preview shows how black text looks on a background with the Yxy color 62.1327, 0.3468, 0.3014.



This preview shows how white text looks on a background with the Yxy color 62.1327, 0.3468, 0.3014.

# 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

62.1327, 0.3468, 0.3014

### Protanopia

62.6127, 0.2983, 0.3063

### Deuteranopia

62.4247, 0.3219, 0.3157



## Tritanopia

62.2574, 0.3547, 0.3146

# Trichromacy



## Original Color

62.1327, 0.3468, 0.3014

## Protanomaly

61.8087, 0.3147, 0.3037

## Deuteranomaly

61.9971, 0.3303, 0.3096

## Tritanomaly

62.0201, 0.3516, 0.3095

# Monochromacy



## Original Color

62.1327, 0.3468, 0.3014

## Achromatopsia

65.1406, 0.3127, 0.3290

## Achromatomaly

63.7962, 0.3248, 0.3192

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 62.1327, 0.3468, 0.3014 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, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 215)  
}
```

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, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 215) }
```

## Border

The CSS property to change the border of an element to Yxy 62.1327, 0.3468, 0.3014 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, 188, 215) }
```

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

```
.border{ border-color:rgb(255, 188, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
215) }
```



# Background

The CSS property to change the background color of an element to Yxy 62.1327, 0.3468, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 215) }
```

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

```
.background{ background-color: rgb(255,  
188, 215) }
```

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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