

# Converting Colors

Yxy(63.0863, 0.3715, 0.3270)

Have a look what the booklet for  
Yxy(63.0863, 0.3715, 0.3270)  
contains.

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# Color

**Yxy(61.8927, 0.3655, 0.3271)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBEC0
RGB	255, 190, 192
RGB Percent	100%, 75%, 75%
CMY	0.0001, 0.2548, 0.2471
CMYK	0.00, 0.25, 0.25, 0.00
HSL	358°, 100%, 87%
HSV	358°, 25%, 100%
XYZ	69.1586, 61.8927, 58.1651
YIQ	209.6630, 38.0980, 14.4020

# Conversions

## Conversions Part 2

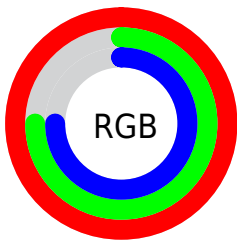
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 190, 192
Decimal	16760512
CIE <sub>Lab</sub>	82.86, 23.61, 8.16
CIE <sub>LCh</sub>	83, 24.983, 19.069
Yxy	61.8927, 0.3655, 0.3271
Android (android.graphics.Color)	4294950592 (0xFFFFBEC0)
YUV	209.6630, -8.7079, 39.7605
Hunter-Lab	78.6719, 19.2393, 11.2350

# Details

The Yxy color **61.8927, 0.3655, 0.3271** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.5421, 0.2762, 0.3310**, and the grayscale version is **64.2564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5588, 0.3172, 0.3281**, and **31.3427, 0.3786, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **50.7930, 0.3958, 0.3264**, and if you desaturate by 10%, it is **75.1142, 0.3411, 0.3279**.

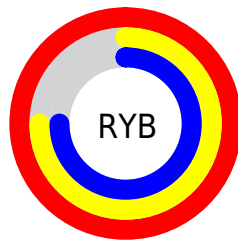
# Distribution



Red (100%)

Green (75%)

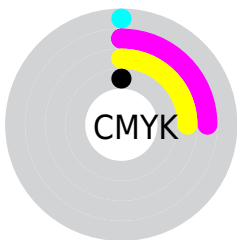
Blue (75%)



Red (100%)

Yellow (75%)

Blue (75%)

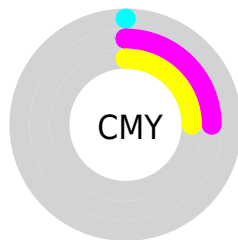


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (25%)


Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8927, 0.3655, 0.3271 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 61.8927, 0.3655, 0.3271 by changing the saturation by 10% instead.




 61.8927, 0.3655,  
0.3271

 61.8927, 0.3655,  
0.3271


431.5396, 0.3401,  
0.3285

 44.9460, 0.3715,  
0.3267


 107.5704, 0.3565,  
0.3277

 31.4149, 0.3791,  
0.3261

137.0703, 0.3531,  
0.3279

 20.9150, 0.3889,  
0.3252

171.5233, 0.3501,  
0.3280

 13.0619, 0.4020,  
0.3238

211.3138, 0.3476,  
0.3281

 7.4712, 0.4205,  
0.3216

256.8263, 0.3454,  
0.3282

 3.7585, 0.4483,  
0.3175

308.4452, 0.3434,

 1.5394, 0.4946,

0.3283

0.3089

366.5548, 0.3417,  
0.3284

0.3162, 0.7351,  
0.2649

0.0000, 0.0000,  
0.0000

61.8927, 0.3655,  
0.3271

61.8927, 0.3655,  
0.3271

50.7930, 0.3958,  
0.3264

75.1142, 0.3411,  
0.3279

41.6967, 0.4327,  
0.3257

90.5506, 0.3217,  
0.3286

34.4869, 0.4759,  
0.3253

99.9942, 0.3127,  
0.3290

29.0312, 0.5232,  
0.3253

■ 25.1800, 0.5698,  
0.3258

■ 22.7590, 0.6083,  
0.3270

■ 21.5530, 0.6321,  
0.3285

■ 21.2712, 0.6379,  
0.3288

# Harmonies

## Analogous

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



61.8927, 0.3400, 0.3024



61.8927, 0.3655, 0.3271



61.8927, 0.3761, 0.3534

# Triad

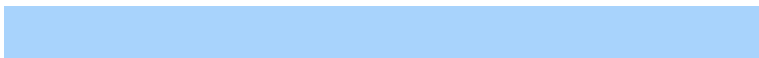
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.8927, 0.3655, 0.3271



61.8927, 0.3150, 0.3797



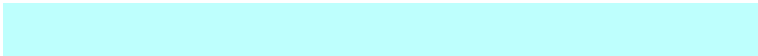
61.8927, 0.2590, 0.2818

# Complementary

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



61.8927, 0.3655, 0.3271



89.5421, 0.2762, 0.3310

# 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.



61.8927, 0.2532, 0.2997



61.8927, 0.3655, 0.3271



61.8927, 0.2845, 0.3576

# Square

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



61.8927, 0.3655, 0.3271



61.8927, 0.3459, 0.3857



61.8927, 0.2623, 0.3274



61.8927, 0.2785, 0.2768



# Rectangle

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



61.8927, 0.3655, 0.3271



61.8927, 0.3730, 0.3688



61.8927, 0.2623, 0.3274



61.8927, 0.2554, 0.2864

# Sweetspot

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



61.8956, 0.3655, 0.3271



86.4587, 0.3262, 0.3284



64.9000, 0.3141, 0.2651



17.9960, 0.3290, 0.3283



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.



61.8956, 0.3655, 0.3271



55.5195, 0.3814, 0.3267



76.3328, 0.3595, 0.3601



17.9960, 0.3290, 0.3283



11.1215, 0.6370, 0.3283



1.0859, 0.6297, 0.3243



# Inverse Universe

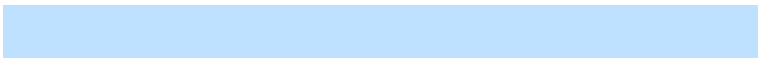
The Inverse Universe completely reimagines the original color for something new.



61.8956, 0.3655, 0.3271



55.5195, 0.3814, 0.3267



71.8347, 0.2722, 0.2957



17.9960, 0.3290, 0.3283



11.1215, 0.6370, 0.3283



1.0859, 0.6297, 0.3243



# Previews

## White Background



This preview shows how the Yxy color 61.8927, 0.3655, 0.3271 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

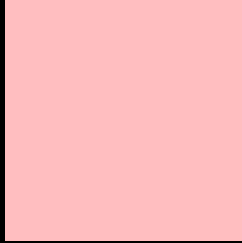
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.8927, 0.3655, 0.3271 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 61.8927, 0.3655, 0.3271**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.8927, 0.3655, 0.3271.



This preview shows how white text looks on a background with the Yxy color 61.8927, 0.3655, 0.3271.

# 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

61.8927, 0.3655, 0.3271

### Protanopia

62.3567, 0.3209, 0.3348

### Deuteranopia

61.8882, 0.3469, 0.3391



## Tritanopia

61.9670, 0.3565, 0.3146

# Trichromacy



## Original Color

61.8927, 0.3655, 0.3271

## Protanomaly

61.8798, 0.3365, 0.3313

## Deuteranomaly

61.9422, 0.3533, 0.3345

## Tritanomaly

61.7787, 0.3599, 0.3188

# Monochromacy



## Original Color

61.8927, 0.3655, 0.3271

## Achromatopsia

64.4480, 0.3127, 0.3290

## Achromatomaly

63.1924, 0.3307, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.8927, 0.3655, 0.3271 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, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 190, 192)  
}
```

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, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 190, 192) }
```

## Border

The CSS property to change the border of an element to Yxy 61.8927, 0.3655, 0.3271 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, 190, 192) }
```

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

```
.border{ border-color:rgb(255, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 190,  
192) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.8927, 0.3655, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 190, 192) }
```

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

```
.background{ background-color: rgb(255,  
190, 192) }
```

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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