

# Converting Colors

$Yxy(61.4650, 0.3400, 0.2939)$

Have a look what the booklet for  
Yxy(61.4650, 0.3400, 0.2939)  
contains.

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# **Color**

**Yxy(61.4566, 0.3396, 0.2941)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCBBDD
RGB	252, 187, 221
RGB Percent	99%, 73%, 87%
CMY	0.0118, 0.2666, 0.1332
CMYK	0.00, 0.26, 0.12, 0.01
HSL	329°, 92%, 86%
HSV	329°, 26%, 99%
XYZ	70.9645, 61.4566, 76.5439
YIQ	210.3110, 27.8260, 24.3540

# Conversions

## Conversions Part 2

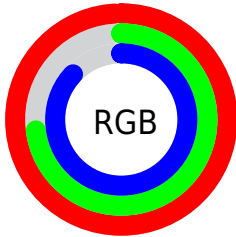
Format	Color
R <sub>Y</sub> B	252, 187, 221
Decimal	16563165
CIE Lab	82.62, 28.50, -7.79
CIE LCh	83, 29.542, 344.705
Yxy	61.4566, 0.3396, 0.2941
Android (android.graphics.Color)	4294753245 (0xFFFCBBDD)
YUV	210.3110, 5.2697, 36.5613
Hunter-Lab	78.3943, 24.3928, -3.0146

# Details

The Yxy color **61.4566, 0.3396, 0.2941** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.2383, 0.2924, 0.3668**, and the grayscale version is **64.6167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **31.1303, 0.3466, 0.2856** is the 20% darker color. If you saturate the color by 10%, you get **51.0713, 0.3538, 0.2800**, and if you desaturate by 10%, it is **73.7691, 0.3276, 0.3081**.

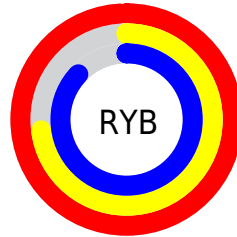
# Distribution



Red (99%)

Green (73%)

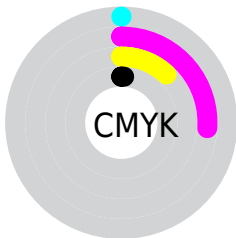
Blue (87%)



Red (99%)

Yellow (73%)

Blue (87%)

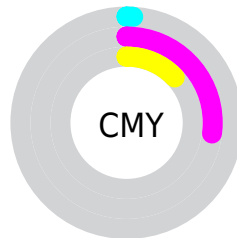


Cyan (0%)

Magenta (26%)

Yellow (12%)

Black (1%)



Cyan (1%)

Magenta (27%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4566, 0.3396, 0.2941 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 61.4566, 0.3396, 0.2941 by changing the saturation by 10% instead.




 61.4566, 0.3396,  
0.2941

 61.4566, 0.3396,  
0.2941


429.9462, 0.3270,  
0.3103

 44.5938, 0.3425,  
0.2904


 106.9398, 0.3352,  
0.2997

 31.1376, 0.3461,  
0.2858


136.3289, 0.3335,  
0.3019

 20.7036, 0.3507,  
0.2800


170.6623, 0.3320,  
0.3038

 12.9075, 0.3568,  
0.2725

210.3242, 0.3308,  
0.3054

 7.3649, 0.3652,  
0.2621

255.6992, 0.3297,  
0.3069

 3.6913, 0.3775,  
0.2473

307.1716, 0.3287,

 1.5024, 0.3972,

0.3081

0.2241

365.1258, 0.3278,  
0.3093

0.2904, 0.4594,  
0.1364

0.0000, 0.0000,  
0.0000

61.4566, 0.3396,  
0.2941

61.4566, 0.3396,  
0.2941

51.0713, 0.3538,  
0.2800

73.7691, 0.3276,  
0.3081

42.5058, 0.3705,  
0.2664

88.0921, 0.3177,  
0.3216

35.6551, 0.3897,  
0.2543

99.4327, 0.3109,  
0.3290

30.3997, 0.4111,  
0.2449

■ 26.6047, 0.4340,  
0.2394

■ 24.1127, 0.4576,  
0.2389

■ 22.7287, 0.4805,  
0.2439

■ 22.3561, 0.4899,  
0.2472

# Harmonies

## Analogous

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



61.4566, 0.3012, 0.2747



61.4566, 0.3396, 0.2941



61.4566, 0.3719, 0.3219

# Triad

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



61.4566, 0.3396, 0.2941



61.4566, 0.3564, 0.3956



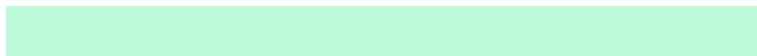
61.4566, 0.2433, 0.2980

# Complementary

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



61.4566, 0.3396, 0.2941



85.2383, 0.2924, 0.3668

# 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.



61.4566, 0.2562, 0.3321



61.4566, 0.3396, 0.2941



61.4566, 0.3206, 0.3920

# Square

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



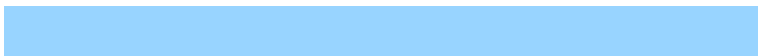
61.4566, 0.3396, 0.2941



61.4566, 0.3814, 0.3800



61.4566, 0.2840, 0.3680



61.4566, 0.2475, 0.2753



# Rectangle

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



61.4566, 0.3396, 0.2941



61.4566, 0.3846, 0.3425



61.4566, 0.2840, 0.3680



61.4566, 0.2458, 0.3085

# Sweetspot

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



61.4594, 0.3396, 0.2941



87.0575, 0.3197, 0.3186



57.3750, 0.2896, 0.2594



18.1460, 0.3212, 0.3166



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.



61.4594, 0.3396, 0.2941



57.3180, 0.3468, 0.2867



59.9195, 0.3661, 0.3269



17.3770, 0.3212, 0.3166



11.6771, 0.4863, 0.2452



1.1029, 0.4611, 0.2314



# Inverse Universe

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



61.4594, 0.3396, 0.2941



57.3180, 0.3468, 0.2867



87.0685, 0.2759, 0.3312



17.3770, 0.3212, 0.3166



11.6771, 0.4863, 0.2452



1.1029, 0.4611, 0.2314



# Previews

## White Background



This preview shows how the Yxy color 61.4566, 0.3396, 0.2941 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

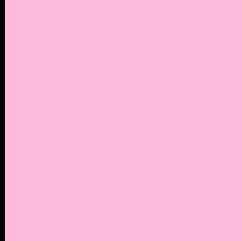
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.4566, 0.3396, 0.2941 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

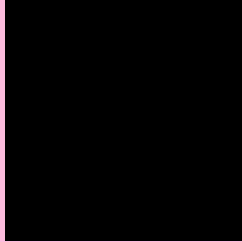
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.4566, 0.3396, 0.2941**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.4566, 0.3396, 0.2941.



This preview shows how white text looks on a background with the Yxy color 61.4566, 0.3396, 0.2941.

# 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

61.4566, 0.3396, 0.2941

### Protanopia

61.5685, 0.2922, 0.2973

### Deuteranopia

61.6387, 0.3145, 0.3079



## Tritanopia

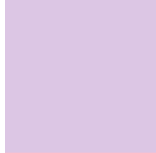
61.5105, 0.3514, 0.3144

# Trichromacy



## Original Color

61.4566, 0.3396, 0.2941



## Protanomaly

61.2052, 0.3081, 0.2960



## Deuteranomaly

61.3533, 0.3235, 0.3020



## Tritanomaly

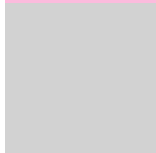
61.5576, 0.3475, 0.3072

# Monochromacy



## Original Color

61.4566, 0.3396, 0.2941



## Achromatopsia

64.4480, 0.3127, 0.3290



## Achromatomaly

63.1037, 0.3218, 0.3158

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.4566, 0.3396, 0.2941 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(252, 187, 221)` looks like.

```
.text, #text, p{  
    color:rgb(252, 187, 221)  
}
```

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(252, 187, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 187, 221) }
```

## Border

The CSS property to change the border of an element to Yxy 61.4566, 0.3396, 0.2941 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(252, 187, 221) }
```

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

```
.border{ border-color:rgb(252, 187, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 187, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 187, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 187, 221);  
box-shadow:4px 4px 4px 4px rgb(252, 187,  
221) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.4566, 0.3396, 0.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 187, 221) }
```

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

```
.background{ background-color: rgb(252,  
187, 221) }
```

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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