

# Converting Colors

Yxy(61.4596, 0.3019, 0.2947)

Have a look what the booklet for  
Yxy(61.4596, 0.3019, 0.2947)  
contains.

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# Color

**Yxy(61.5251, 0.3022, 0.2947)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7C8E7
RGB	215, 200, 231
RGB Percent	84%, 78%, 91%
CMY	0.1571, 0.2156, 0.0941
CMYK	0.07, 0.13, 0.00, 0.09
HSL	269°, 39%, 85%
HSV	269°, 13%, 91%
XYZ	63.0909, 61.5251, 84.1560
YIQ	208.0190, -1.0110, 12.8210

# Conversions

## Conversions Part 2

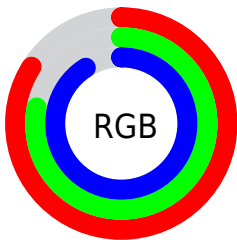
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 200, 231
Decimal	14141671
CIE Lab	82.66, 10.90, -13.44
CIE LCh	83, 17.304, 309.045
Yxy	61.5251, 0.3022, 0.2947
Android (android.graphics.Color)	4292331751 (0xFFD7C8E7)
YUV	208.0190, 11.3296, 6.1223
Hunter-Lab	78.4379, 6.3086, -8.7056

# Details

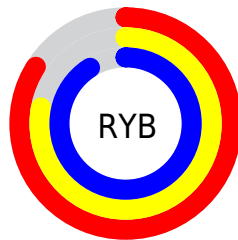
The Yxy color **61.5251, 0.3022, 0.2947** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.9387, 0.3222, 0.3633**, and the grayscale version is **63.0128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1265, 0.2997, 0.2869** is the 20% darker color. If you saturate the color by 10%, you get **49.8758, 0.2928, 0.2667**, and if you desaturate by 10%, it is **74.9290, 0.3103, 0.3207**.

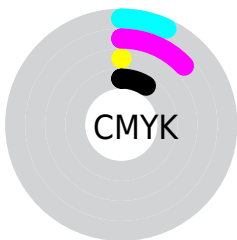
# Distribution



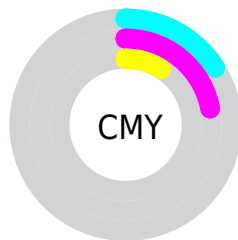
- Red (84%)
- Green (78%)
- Blue (91%)



- Red (84%)
- Yellow (78%)
- Blue (91%)



- Cyan (7%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (22%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5251, 0.3022, 0.2947 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 61.5251, 0.3022, 0.2947 by changing the saturation by 10% instead.



■ 61.5251, 0.3022,  
0.2947

■ 61.5251, 0.3022,  
0.2947

430.1967, 0.3073,  
0.3107

■ 44.6491, 0.3010,  
0.2910

107.0389, 0.3040,  
0.3003

■ 31.1811, 0.2994,  
0.2865

136.4454, 0.3047,  
0.3024

■ 20.7368, 0.2974,  
0.2807

170.7976, 0.3053,  
0.3043

■ 12.9317, 0.2946,  
0.2731

210.4798, 0.3058,  
0.3059

■ 7.3816, 0.2907,  
0.2627

255.8764, 0.3063,  
0.3073

■ 3.7019, 0.2846,  
0.2476

307.3718, 0.3067,

■ 1.5082, 0.2743,

0.3086

0.2239

365.3505, 0.3070,  
0.3097

0.2945, 0.2561,  
0.1381

0.0000, 0.0000,  
0.0000

61.5251, 0.3022,  
0.2947

61.5251, 0.3022,  
0.2947

49.8758, 0.2928,  
0.2667

74.9290, 0.3103,  
0.3207

39.8980, 0.2821,  
0.2373

90.1501, 0.3171,  
0.3444

31.5139, 0.2701,  
0.2071

97.7749, 0.3241,  
0.3524

24.6357, 0.2571,  
0.1775

98.5499, 0.3268,  
0.3522

■ 19.1673, 0.2435,  
0.1497

■ 15.0007, 0.2298,  
0.1255

■ 12.0118, 0.2166,  
0.1062

■ 10.0503, 0.2046,  
0.0925

■ 9.1665, 0.1974,  
0.0861

# Harmonies

## Analogous

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



61.5251, 0.2833, 0.2924



61.5251, 0.3022, 0.2947



61.5251, 0.3246, 0.3053

# Triad

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



61.5251, 0.3022, 0.2947



61.5251, 0.3545, 0.3572



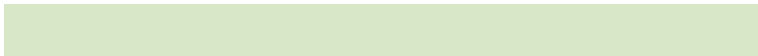
61.5251, 0.2818, 0.3353

# Complementary

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



61.5251, 0.3022, 0.2947



75.9387, 0.3222, 0.3633

# 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.



61.5251, 0.3000, 0.3546



61.5251, 0.3022, 0.2947



61.5251, 0.3422, 0.3670

# Square

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



61.5251, 0.3022, 0.2947



61.5251, 0.3554, 0.3406



61.5251, 0.3221, 0.3663



61.5251, 0.2719, 0.3150



# Rectangle

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



61.5251, 0.3022, 0.2947



61.5251, 0.3384, 0.3159



61.5251, 0.3221, 0.3663



61.5251, 0.2871, 0.3422

# Sweetspot

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



61.5277, 0.3022, 0.2947



92.6748, 0.3098, 0.3191



67.4452, 0.2918, 0.3127



19.5502, 0.3092, 0.3172



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.



61.5277, 0.3022, 0.2947



72.8817, 0.2998, 0.2874



63.9076, 0.3135, 0.2959



14.2260, 0.3055, 0.3052



5.2116, 0.1990, 0.0870



0.4402, 0.2151, 0.0958



# Inverse Universe

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



63.2712, 0.3252, 0.3116



75.4728, 0.3280, 0.3080



73.7522, 0.3118, 0.3643



14.4921, 0.3211, 0.3169



10.3062, 0.4876, 0.2460

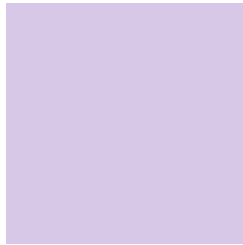


0.7804, 0.4567, 0.2289



# Previews

## White Background



This preview shows how the Yxy color 61.5251, 0.3022, 0.2947 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

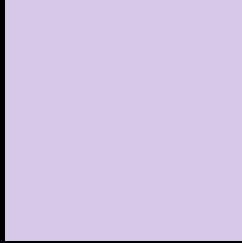
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 61.5251, 0.3022, 0.2947 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

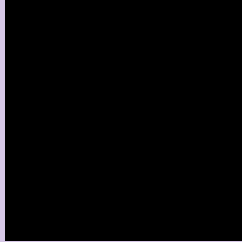
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 61.5251, 0.3022, 0.2947**

## **Background**



This preview shows how black text looks on a background with the Yxy color 61.5251, 0.3022, 0.2947.



This preview shows how white text looks on a background with the Yxy color 61.5251, 0.3022, 0.2947.

# 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

61.5251, 0.3022, 0.2947

### Protanopia

61.5438, 0.2902, 0.2950

### Deuteranopia

61.3742, 0.3015, 0.2946



## Tritanopia

61.4491, 0.3098, 0.3109

# Trichromacy



## Original Color

61.5251, 0.3022, 0.2947

## Protanomaly

61.7169, 0.2943, 0.2953

## Deuteranomaly

61.3742, 0.3015, 0.2946

## Tritanomaly

61.3971, 0.3070, 0.3043

# Monochromacy



## Original Color

61.5251, 0.3022, 0.2947

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

62.4694, 0.3095, 0.3165

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 61.5251, 0.3022, 0.2947 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(215, 200, 231)` looks like.

```
.text, #text, p{  
    color:rgb(215, 200, 231)  
}
```

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(215, 200, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 200, 231) }
```

## Border

The CSS property to change the border of an element to Yxy 61.5251, 0.3022, 0.2947 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(215, 200, 231) }
```

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

```
.border{ border-color:rgb(215, 200, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 200, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 200, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 200, 231);  
box-shadow:4px 4px 4px 4px rgb(215, 200,  
231) }
```



# Background

The CSS property to change the background color of an element to Yxy 61.5251, 0.3022, 0.2947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 200, 231) }
```

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

```
.background{ background-color: rgb(215,  
200, 231) }
```

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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