

# Converting Colors

Yxy(58.4711, 0.3159, 0.2619)

Have a look what the booklet for  
Yxy(58.4711, 0.3159, 0.2619)  
contains.

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# Color

**Yxy(58.2452, 0.3159, 0.2619)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5B3F5
RGB	245, 179, 245
RGB Percent	96%, 70%, 96%
CMY	0.0392, 0.2980, 0.0394
CMYK	0.00, 0.27, 0.00, 0.04
HSL	300°, 77%, 83%
HSV	300°, 27%, 96%
XYZ	70.2545, 58.2452, 93.8951
YIQ	206.2580, 18.1500, 34.5180

# Conversions

## Conversions Part 2

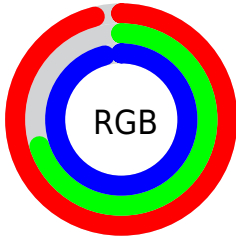
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 179, 245
Decimal	16102389
CIE Lab	80.87, 34.52, -23.34
CIE LCh	81, 41.667, 325.932
Yxy	58.2452, 0.3159, 0.2619
Android (android.graphics.Color)	4294292469 (0xFFFF5B3F5)
YUV	206.2580, 19.0998, 33.9767
Hunter-Lab	76.3185, 30.7595, -19.5218

# Details

The Yxy color **58.2452, 0.3159, 0.2619** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.1509, 0.3090, 0.4067**, and the grayscale version is **61.7632, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.0327, 0.3155, 0.2459** is the 20% darker color. If you saturate the color by 10%, you get **49.2823, 0.3171, 0.2376**, and if you desaturate by 10%, it is **68.9580, 0.3147, 0.2870**.

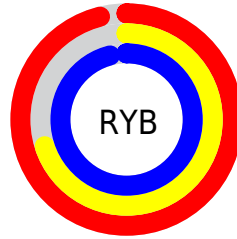
# Distribution



Red (96%)

Green (70%)

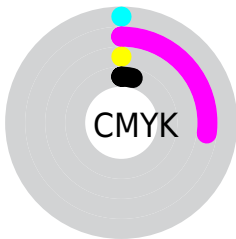
Blue (96%)



Red (96%)

Yellow (70%)

Blue (96%)

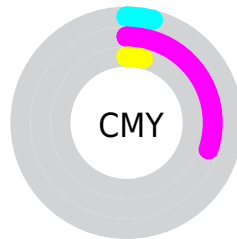


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (4%)

Magenta (30%)


Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2452, 0.3159, 0.2619 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 58.2452, 0.3159, 0.2619 by changing the saturation by 10% instead.





 58.2452, 0.3159,  
0.2619

 58.2452, 0.3159,  
0.2619


418.0990, 0.3151,  
0.2923

 42.0058, 0.3159,  
0.2551


 102.2798, 0.3158,  
0.2723

 29.1058, 0.3159,  
0.2469


130.8439, 0.3157,  
0.2764

 19.1609, 0.3157,  
0.2366


164.2849, 0.3156,  
0.2799

 11.7866, 0.3152,  
0.2234

202.9874, 0.3155,  
0.2830

 6.5985, 0.3141,  
0.2059

247.3356, 0.3154,  
0.2858

 3.2123, 0.3118,  
0.1819


297.7140, 0.3153,

 1.2436, 0.3065,

0.2882

0.1475


354.5070, 0.3152,  
0.2904


 0.0969, 0.3130,  
0.0323


 0.0000, 0.0000,  
0.0000


 58.2452, 0.3159,  
0.2619

 58.2452, 0.3159,  
0.2619


 49.2823, 0.3171,  
0.2376

 68.9580, 0.3147,  
0.2870

 41.9692, 0.3181,  
0.2150

 81.4985, 0.3135,  
0.3120

 36.2077, 0.3191,  
0.1951


 95.9492, 0.3124,  
0.3363

 31.8857, 0.3199,  
0.1787


 97.5282, 0.3122,  
0.3387


 28.8766, 0.3205,  
0.1666

 97.5292, 0.3122,  
0.3387

 27.0313, 0.3209,  
0.1587


 97.5302, 0.3122,  
0.3387

 26.1599, 0.3211,  
0.1550

 97.5312, 0.3122,  
0.3387

 25.9967, 0.3211,  
0.1542

 97.5322, 0.3122,  
0.3387

 97.5333, 0.3122,  
0.3386

# Harmonies

## Analogous

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



58.2452, 0.2649, 0.2452



58.2452, 0.3159, 0.2619



58.2452, 0.3704, 0.2932

# Triad

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



58.2452, 0.3159, 0.2619



58.2452, 0.3991, 0.4111



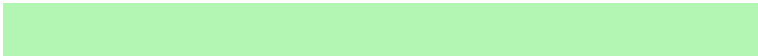
58.2452, 0.2239, 0.3123

# Complementary

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



58.2452, 0.3159, 0.2619



78.1509, 0.3090, 0.4067

# 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.



58.2452, 0.2546, 0.3668



58.2452, 0.3159, 0.2619



58.2452, 0.3554, 0.4274

# Square

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



58.2452, 0.3159, 0.2619



58.2452, 0.4202, 0.3756



58.2452, 0.3023, 0.4120



58.2452, 0.2154, 0.2693



# Rectangle

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



58.2452, 0.3159, 0.2619



58.2452, 0.3996, 0.3194



58.2452, 0.3023, 0.4120



58.2452, 0.2317, 0.3300

# Sweetspot

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



58.2478, 0.3159, 0.2619



87.6670, 0.3136, 0.3094



48.4214, 0.2657, 0.2513



18.3002, 0.3138, 0.3056



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.



58.2478, 0.3159, 0.2619



58.5172, 0.3165, 0.2493



56.4113, 0.3424, 0.2941



16.7681, 0.3138, 0.3057



14.0041, 0.3211, 0.1542



1.2309, 0.3211, 0.1542



# Inverse Universe

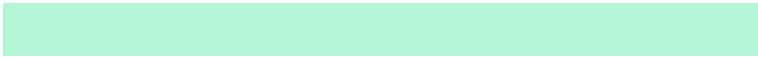
The Inverse Universe completely reimagines the original color for something new.



58.2478, 0.3159, 0.2619



58.5172, 0.3165, 0.2493



79.6479, 0.2908, 0.3668



16.7681, 0.3138, 0.3057



14.0041, 0.3211, 0.1542



1.2309, 0.3211, 0.1542



# Previews

## White Background



This preview shows how the Yxy color 58.2452, 0.3159, 0.2619 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

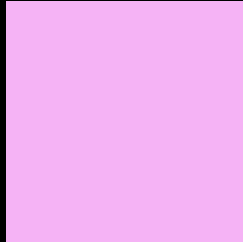
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 58.2452, 0.3159, 0.2619 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

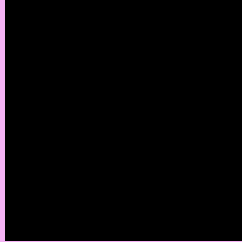
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.2452, 0.3159, 0.2619**

## Background



This preview shows how black text looks on a background with the Yxy color 58.2452, 0.3159, 0.2619.



This preview shows how white text looks on a background with the Yxy color 58.2452, 0.3159, 0.2619.

# 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

58.2452, 0.3159, 0.2619

### Protanopia

58.6316, 0.2675, 0.2660

### Deuteranopia

58.7608, 0.2847, 0.2785



## Tritanopia

58.1556, 0.3444, 0.3128

# Trichromacy



## Original Color

58.2452, 0.3159, 0.2619



## Protanomaly

58.0742, 0.2837, 0.2645



## Deuteranomaly

58.0497, 0.2955, 0.2714



## Tritanomaly

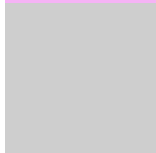
58.0437, 0.3334, 0.2929

# Monochromacy



## Original Color

58.2452, 0.3159, 0.2619



## Achromatopsia

61.7207, 0.3127, 0.3290



## Achromatomaly

59.8628, 0.3140, 0.3023

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.2452, 0.3159, 0.2619 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(245, 179, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 179, 245)  
}
```

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(245, 179, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 179, 245) }
```

## Border

The CSS property to change the border of an element to Yxy 58.2452, 0.3159, 0.2619 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(245, 179, 245) }
```

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

```
.border{ border-color:rgb(245, 179, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 179, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 179, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 179, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 179,  
245) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.2452, 0.3159, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 179, 245) }
```

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

```
.background{ background-color: rgb(245,  
179, 245) }
```

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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