

Converting Colors

$Y_{xy}(59.0249, 0.3181, 0.2564)$

Have a look what the booklet for
Yxy(59.0249, 0.3181, 0.2564)
contains.

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Color

Yxy(59.0419, 0.3177, 0.2565)

Conversions

Conversions Part 1

Format	Color
Hex	FCB1FA
RGB	252, 177, 250
RGB Percent	99%, 69%, 98%
CMY	0.0117, 0.3059, 0.0195
CMYK	0.00, 0.30, 0.01, 0.01
HSL	302°, 93%, 84%
HSV	302°, 30%, 99%
XYZ	73.1291, 59.0419, 98.0119
YIQ	207.7470, 21.2670, 38.6030

Conversions

Conversions Part 2

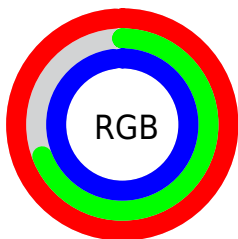
Format	Color
R _Y B	252, 177, 250
Decimal	16560634
CIE Lab	81.31, 38.70, -25.33
CIE LCh	81, 46.253, 326.802
Yxy	59.0419, 0.3177, 0.2565
Android (android.graphics.Color)	4294750714 (0xFFFCB1FA)
YUV	207.7470, 20.8307, 38.8099
Hunter-Lab	76.8387, 35.4146, -21.8404

Details

The Yxy color $59.0419, 0.3177, 0.2565$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $82.2279, 0.3076, 0.4141$, and the grayscale version is $62.7590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $29.4855, 0.3179, 0.2406$ is the 20% darker color. If you saturate the color by 10%, you get $49.9502, 0.3195, 0.2330$, and if you desaturate by 10%, it is $69.9772, 0.3159, 0.2810$.

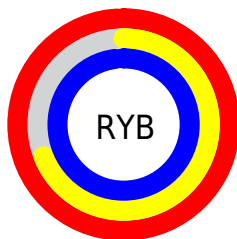
Distribution



Red (99%)

Green (69%)

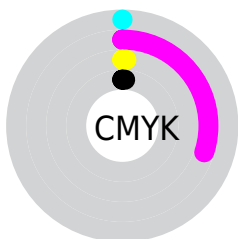
Blue (98%)



Red (99%)

Yellow (69%)

Blue (98%)

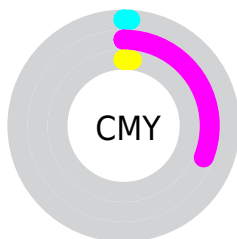


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0419, 0.3177, 0.2565 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 59.0419, 0.3177, 0.2565 by changing the saturation by 10% instead.


 59.0419, 0.3177,
0.2565

 59.0419, 0.3177,
0.2565


421.0572, 0.3162,
0.2891

 42.6468, 0.3179,
0.2493


 103.4386, 0.3173,
0.2676

 29.6081, 0.3180,
0.2406


132.2090, 0.3171,
0.2720

 19.5413, 0.3180,
0.2298


165.8733, 0.3170,
0.2758

 12.0621, 0.3177,
0.2160

204.8159, 0.3168,
0.2791

 6.7860, 0.3169,
0.1980

249.4212, 0.3166,
0.2820

 3.3286, 0.3150,
0.1735


300.0736, 0.3165,


 1.3056, 0.3102,


0.2846


0.1391


357.1574, 0.3163,
0.2870

 0.1455, 0.3128,
0.0411


 0.0000, 0.0410,
0.0000


 59.0419, 0.3177,
0.2565


 59.0419, 0.3177,
0.2565

 49.9502, 0.3195,
0.2330


 69.9772, 0.3159,
0.2810

 42.5928, 0.3212,
0.2114

 82.8417, 0.3143,
0.3056

 36.8613, 0.3229,
0.1926

 97.7253, 0.3127,
0.3296

 32.6316, 0.3244,
0.1777

 99.2896, 0.3122,
0.3312

■ 29.7621, 0.3257,
0.1669

■ 99.3320, 0.3118,
0.3306

■ 28.0839, 0.3268,
0.1606

■ 99.3745, 0.3114,
0.3299

■ 27.3265, 0.3277,
0.1580

■ 99.4171, 0.3111,
0.3293

■ 27.3127, 0.3277,
0.1579

■ 99.4375, 0.3109,
0.3290

Harmonies

Analogous

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



59.0419, 0.2614, 0.2378



59.0419, 0.3177, 0.2565



59.0419, 0.3780, 0.2907

Triad

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



59.0419, 0.3177, 0.2565



59.0419, 0.4063, 0.4197



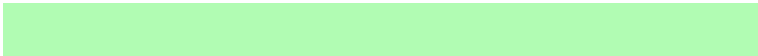
59.0419, 0.2147, 0.3083

Complementary

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



59.0419, 0.3177, 0.2565



82.2279, 0.3076, 0.4141

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.



59.0419, 0.2472, 0.3691



59.0419, 0.3177, 0.2565



59.0419, 0.3574, 0.4382

Square

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



59.0419, 0.3177, 0.2565



59.0419, 0.4310, 0.3804



59.0419, 0.2990, 0.4206



59.0419, 0.2065, 0.2619

Rectangle

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



59.0419, 0.3177, 0.2565



59.0419, 0.4099, 0.3192



59.0419, 0.2990, 0.4206



59.0419, 0.2230, 0.3278

Sweetspot

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



59.0445, 0.3177, 0.2565



86.1825, 0.3141, 0.3074



47.9658, 0.2608, 0.2419



18.0027, 0.3144, 0.3039



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.



59.0445, 0.3177, 0.2565



54.5906, 0.3188, 0.2416



56.9572, 0.3476, 0.2915



17.5162, 0.3142, 0.3062



14.2298, 0.3276, 0.1578



1.3204, 0.3268, 0.1574

Inverse Universe

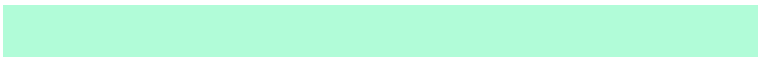
The Inverse Universe completely reimagines the original color for something new.



59.0445, 0.3177, 0.2565



54.5906, 0.3188, 0.2416



83.9195, 0.2880, 0.3700



17.5162, 0.3142, 0.3062



14.2298, 0.3276, 0.1578



1.3204, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 59.0419, 0.3177, 0.2565 looks on a white background.

Color Contrast Check

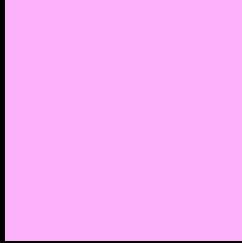
Large Text (above 18pt) WCAG AA × Fail

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 59.0419, 0.3177, 0.2565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

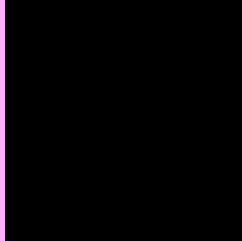
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0419, 0.3177, 0.2565

Background



This preview shows how black text looks on a background with the Yxy color 59.0419, 0.3177, 0.2565.



This preview shows how white text looks on a background with the Yxy color 59.0419, 0.3177, 0.2565.

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

59.0419, 0.3177, 0.2565

Protanopia

59.2199, 0.2683, 0.2673

Deuteranopia

59.3213, 0.2815, 0.2754



Tritanopia

58.7473, 0.3505, 0.3131

Trichromacy



Original Color

59.0419, 0.3177, 0.2565



Protanomaly

58.6400, 0.2845, 0.2630



Deuteranomaly

58.6024, 0.2942, 0.2677



Tritanomaly

58.9379, 0.3385, 0.2915

Monochromacy



Original Color

59.0419, 0.3177, 0.2565



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.1075, 0.3148, 0.3005

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0419, 0.3177, 0.2565 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, 177, 250)` looks like.

```
.text, #text, p{  
    color:rgb(252, 177, 250)  
}
```

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, 177, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 177, 250) }
```

Border

The CSS property to change the border of an element to Yxy 59.0419, 0.3177, 0.2565 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, 177, 250) }
```

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

```
.border{ border-color:rgb(252, 177, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 177, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 177, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 177, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 177,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0419, 0.3177, 0.2565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 177, 250) }
```

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

```
.background{ background-color: rgb(252,  
177, 250) }
```

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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