

Converting Colors

Yxy(59.9598, 0.3180, 0.2593)

Have a look what the booklet for
Yxy(59.9598, 0.3180, 0.2593)
contains.

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Color

Yxy(59.8378, 0.3176, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	FCB3FA
RGB	252, 179, 250
RGB Percent	99%, 70%, 98%
CMY	0.0118, 0.2980, 0.0196
CMYK	0.00, 0.29, 0.01, 0.01
HSL	302°, 92%, 85%
HSV	302°, 29%, 99%
XYZ	73.5183, 59.8378, 98.1247
YIQ	208.9210, 20.7170, 37.5570

Conversions

Conversions Part 2

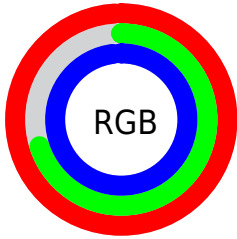
Format	Color
R _Y B	252, 179, 250
Decimal	16561146
CIE Lab	81.75, 37.64, -24.65
CIE LCh	82, 44.992, 326.780
Yxy	59.8378, 0.3176, 0.2585
Android (android.graphics.Color)	4294751226 (0xFFFCB3FA)
YUV	208.9210, 20.2519, 37.7803
Hunter-Lab	77.3549, 34.2758, -21.0610

Details

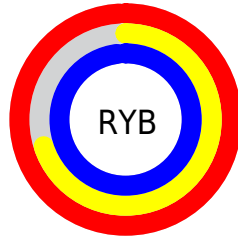
The Yxy color **59.8378, 0.3176, 0.2585** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.5352, 0.3077, 0.4113**, and the grayscale version is **63.5635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **29.9868, 0.3178, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **50.6023, 0.3194, 0.2349**, and if you desaturate by 10%, it is **70.9243, 0.3158, 0.2830**.

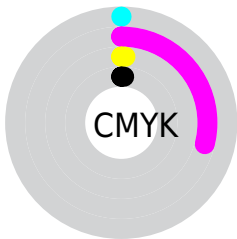
Distribution



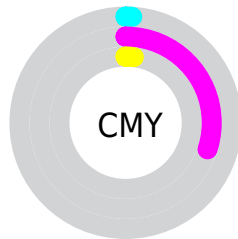
- Red (99%)
- Green (70%)
- Blue (98%)



- Red (99%)
- Yellow (70%)
- Blue (98%)



- Cyan (0%)
- Magenta (29%)
- Yellow (1%)
- Black (1%)




- Cyan (1%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8378, 0.3176, 0.2585 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 59.8378, 0.3176, 0.2585 by changing the saturation by 10% instead.


 59.8378, 0.3176,
0.2585

 59.8378, 0.3176,
0.2585


423.9997, 0.3161,
0.2902

 43.2879, 0.3178,
0.2515


 104.5943, 0.3172,
0.2693

 30.1111, 0.3179,
0.2430


133.5698, 0.3170,
0.2735

 19.9229, 0.3179,
0.2325


167.4559, 0.3168,
0.2772

 12.3390, 0.3177,
0.2191

206.6370, 0.3167,
0.2805

 6.9750, 0.3170,
0.2015

251.4975, 0.3165,
0.2833

 3.4465, 0.3153,
0.1777


302.4219, 0.3164,


 1.3690, 0.3109,

0.2858

0.1439


359.7945, 0.3162,
0.2881


 0.1937, 0.3124,
0.0535


 0.0000, 0.0651,
0.0000

 59.8378, 0.3176,
0.2585


 59.8378, 0.3176,
0.2585


 50.6023, 0.3194,
0.2349


 70.9243, 0.3158,
0.2830


 43.1093, 0.3212,
0.2131

 83.9470, 0.3141,
0.3075

 37.2511, 0.3229,
0.1941

 98.9951, 0.3126,
0.3314

 32.9052, 0.3245,
0.1788

 99.2892, 0.3121,
0.3312

■ 29.9313, 0.3258,
0.1677

■ 99.3328, 0.3118,
0.3305

■ 28.1635, 0.3269,
0.1611

■ 99.3765, 0.3114,
0.3298

■ 27.3566, 0.3279,
0.1582

■ 99.4205, 0.3110,
0.3292

■ 27.2955, 0.3279,
0.1580

■ 99.4336, 0.3109,
0.3290

Harmonies

Analogous

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



59.8378, 0.2629, 0.2403



59.8378, 0.3176, 0.2585



59.8378, 0.3759, 0.2918

Triad

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



59.8378, 0.3176, 0.2585



59.8378, 0.4037, 0.4171



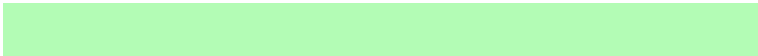
59.8378, 0.2176, 0.3092

Complementary

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



59.8378, 0.3176, 0.2585



82.5352, 0.3077, 0.4113

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.



59.8378, 0.2493, 0.3679



59.8378, 0.3176, 0.2585



59.8378, 0.3563, 0.4346

Square

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



59.8378, 0.3176, 0.2585



59.8378, 0.4274, 0.3792



59.8378, 0.2997, 0.4175



59.8378, 0.2095, 0.2641

Rectangle

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



59.8378, 0.3176, 0.2585



59.8378, 0.4068, 0.3196



59.8378, 0.2997, 0.4175



59.8378, 0.2256, 0.3281

Sweetspot

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



59.8404, 0.3176, 0.2585



86.1813, 0.3141, 0.3074



49.0022, 0.2624, 0.2446



18.0025, 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.



59.8404, 0.3176, 0.2585



55.5066, 0.3187, 0.2440



57.8072, 0.3463, 0.2925



17.5160, 0.3142, 0.3063



14.2236, 0.3278, 0.1580



1.3199, 0.3269, 0.1575

Inverse Universe

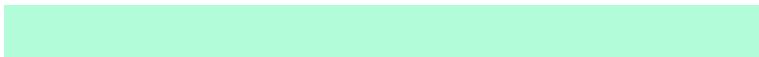
The Inverse Universe completely reimagines the original color for something new.



59.8404, 0.3176, 0.2585



55.5066, 0.3187, 0.2440



84.1944, 0.2886, 0.3688



17.5160, 0.3142, 0.3063



14.2236, 0.3278, 0.1580



1.3199, 0.3269, 0.1575

Previews

White Background



This preview shows how the Yxy color 59.8378, 0.3176, 0.2585 looks on a white background.

Color Contrast Check

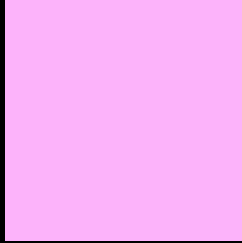
Large Text (above 18pt) WCAG AA × Fail

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 59.8378, 0.3176, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

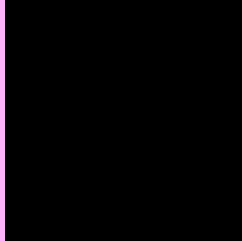
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8378, 0.3176, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 59.8378, 0.3176, 0.2585.



This preview shows how white text looks on a background with the Yxy color 59.8378, 0.3176, 0.2585.

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

59.8378, 0.3176, 0.2585

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

60.0572, 0.2830, 0.2767



Tritanopia

59.8711, 0.3493, 0.3132

Trichromacy



Original Color

59.8378, 0.3176, 0.2585



Protanomaly

59.8216, 0.2860, 0.2654



Deuteranomaly

59.6303, 0.2950, 0.2700



Tritanomaly

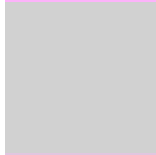
59.8217, 0.3374, 0.2926

Monochromacy



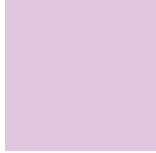
Original Color

59.8378, 0.3176, 0.2585



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.7775, 0.3148, 0.3006

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8378, 0.3176, 0.2585 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, 179, 250)` looks like.

```
.text, #text, p{  
    color:rgb(252, 179, 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, 179, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 179, 250) }
```

Border

The CSS property to change the border of an element to Yxy 59.8378, 0.3176, 0.2585 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, 179, 250) }
```

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

```
.border{ border-color:rgb(252, 179, 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, 179, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 179, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 179, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 179,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8378, 0.3176, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 179, 250) }
```

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

```
.background{ background-color: rgb(252,  
179, 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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