

Converting Colors

$Y_{xy}(59.2265, 0.3152, 0.2548)$

Have a look what the booklet for
Yxy(59.2265, 0.3152, 0.2548)
contains.

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Color

Yxy(59.3783, 0.3154, 0.2556)

Conversions

Conversions Part 1

Format	Color
Hex	FBB2FC
RGB	251, 178, 252
RGB Percent	98%, 70%, 99%
CMY	0.0157, 0.3019, 0.0119
CMYK	0.00, 0.29, 0.00, 0.01
HSL	299°, 92%, 84%
HSV	299°, 29%, 99%
XYZ	73.2704, 59.3783, 99.6608
YIQ	208.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

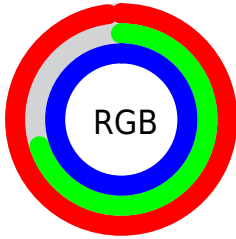
Format	Color
R _Y B	251, 178, 252
Decimal	16495356
CIE Lab	81.50, 38.20, -26.08
CIE LCh	81, 46.259, 325.676
Yxy	59.3783, 0.3154, 0.2556
Android (android.graphics.Color)	4294685436 (0xFFFBB2FC)
YUV	208.2630, 21.5623, 37.4803
Hunter-Lab	77.0573, 34.8775, -22.7416

Details

The Yxy color **59.3783, 0.3154, 0.2556** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.3901, 0.3093, 0.4149**, and the grayscale version is **63.1053, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **29.6929, 0.3148, 0.2394** is the 20% darker color. If you saturate the color by 10%, you get **50.1973, 0.3162, 0.2314**, and if you desaturate by 10%, it is **70.4059, 0.3145, 0.2808**.

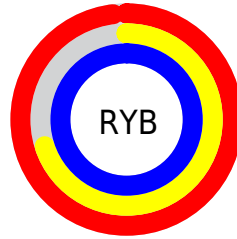
Distribution



Red (98%)

Green (70%)

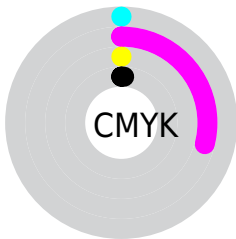
Blue (99%)



Red (98%)

Yellow (70%)

Blue (99%)

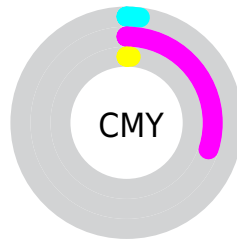


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (1%)



Cyan (2%)


Magenta (30%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3783, 0.3154, 0.2556 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 59.3783, 0.3154, 0.2556 by changing the saturation by 10% instead.

 59.3783, 0.3154,
0.2556

 59.3783, 0.3154,
0.2556

422.3024, 0.3150,
0.2885

 42.9177, 0.3153,
0.2484

 103.9273, 0.3154,
0.2668

 29.8206, 0.3151,
0.2396


132.7845, 0.3154,
0.2712

 19.7024, 0.3147,
0.2286


166.5427, 0.3153,
0.2751

 12.1789, 0.3139,
0.2148

205.5863, 0.3153,
0.2784

 6.8657, 0.3124,
0.1967

250.2996, 0.3152,
0.2814

 3.3782, 0.3094,
0.1722

301.0672, 0.3151,

 1.3322, 0.3030,

0.2840

0.1379

358.2733, 0.3151,
0.2864

0.1660, 0.3011,
0.0448

0.0000, 0.0456,
0.0000

59.3783, 0.3154,
0.2556

59.3783, 0.3154,
0.2556

50.1973, 0.3162,
0.2314

70.4059, 0.3145,
0.2808

42.7542, 0.3169,
0.2091

83.3656, 0.3136,
0.3060

36.9410, 0.3174,
0.1898

98.3468, 0.3127,
0.3306

32.6345, 0.3178,
0.1741

99.2985, 0.3128,
0.3319

■ 29.6937, 0.3179,
0.1628

■ 99.3594, 0.3130,
0.3319

■ 27.9514, 0.3179,
0.1558

■ 99.4204, 0.3132,
0.3319

■ 27.1509, 0.3177,
0.1525

■ 99.4815, 0.3134,
0.3319

■ 27.1114, 0.3176,
0.1524

■ 99.5427, 0.3136,
0.3319

■ 99.6041, 0.3138,
0.3319

Harmonies

Analogous

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



59.3783, 0.2597, 0.2376



59.3783, 0.3154, 0.2556



59.3783, 0.3758, 0.2893

Triad

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



59.3783, 0.3154, 0.2556



59.3783, 0.4076, 0.4184



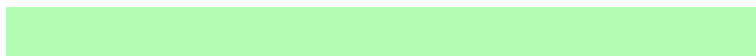
59.3783, 0.2157, 0.3104

Complementary

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



59.3783, 0.3154, 0.2556



82.3901, 0.3093, 0.4149

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.



59.3783, 0.2490, 0.3713



59.3783, 0.3154, 0.2556



59.3783, 0.3594, 0.4379

Square

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



59.3783, 0.3154, 0.2556



59.3783, 0.4311, 0.3786



59.3783, 0.3012, 0.4218



59.3783, 0.2065, 0.2634

Rectangle

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



59.3783, 0.3154, 0.2556



59.3783, 0.4083, 0.3175



59.3783, 0.3012, 0.4218



59.3783, 0.2242, 0.3301

Sweetspot

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



59.3809, 0.3154, 0.2556



86.1652, 0.3136, 0.3068



48.8297, 0.2609, 0.2446



17.9985, 0.3137, 0.3032



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.



59.3809, 0.3154, 0.2556



55.4437, 0.3159, 0.2417



57.5021, 0.3448, 0.2896



17.5125, 0.3136, 0.3056



14.1332, 0.3177, 0.1524



1.3125, 0.3181, 0.1526

Inverse Universe

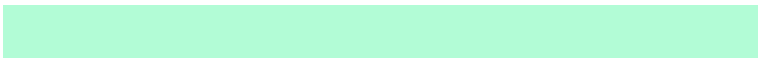
The Inverse Universe completely reimagines the original color for something new.



55.7863, 0.3776, 0.3282



51.2281, 0.3957, 0.3280



83.9043, 0.2896, 0.3723



17.2288, 0.3292, 0.3287



10.7858, 0.6387, 0.3292



1.0002, 0.6354, 0.3274

Previews

White Background



This preview shows how the Yxy color 59.3783, 0.3154, 0.2556 looks on a white background.

Color Contrast Check

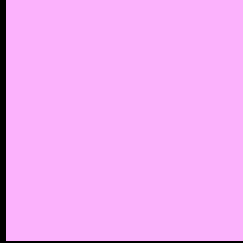
Large Text (above 18pt) WCAG AA × Fail

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 59.3783, 0.3154, 0.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

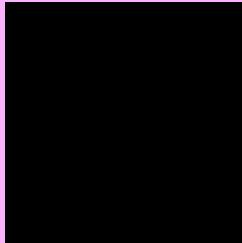
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3783, 0.3154, 0.2556

Background



This preview shows how black text looks on a background with the Yxy color 59.3783, 0.3154, 0.2556.



This preview shows how white text looks on a background with the Yxy color 59.3783, 0.3154, 0.2556.

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

59.3783, 0.3154, 0.2556

Protanopia

59.8121, 0.2690, 0.2685

Deuteranopia

59.9035, 0.2804, 0.2745



Tritanopia

59.4638, 0.3484, 0.3141

Trichromacy



Original Color

59.3783, 0.3154, 0.2556



Protanomaly

59.2927, 0.2846, 0.2632



Deuteranomaly

59.1612, 0.2929, 0.2668



Tritanomaly

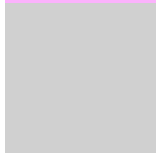
59.2224, 0.3367, 0.2915

Monochromacy



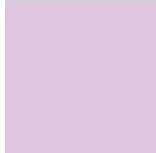
Original Color

59.3783, 0.3154, 0.2556



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.1616, 0.3141, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3783, 0.3154, 0.2556 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(251, 178, 252)` looks like.

```
.text, #text, p{  
    color:rgb(251, 178, 252)  
}
```

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(251, 178, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 178, 252) }
```

Border

The CSS property to change the border of an element to Yxy 59.3783, 0.3154, 0.2556 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(251, 178, 252) }
```

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

```
.border{ border-color:rgb(251, 178, 252) }
```

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

Here you see how a box with a 4 pixel rgb(251, 178, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 178, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 178, 252);  
box-shadow:4px 4px 4px 4px rgb(251, 178,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3783, 0.3154, 0.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 178, 252) }
```

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

```
.background{ background-color: rgb(251,  
178, 252) }
```

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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