

Converting Colors

$Y_{xy}(59.7400, 0.2977, 0.2410)$

Have a look what the booklet for
Yxy(59.7400, 0.2977, 0.2410)
contains.

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Color

Yxy(58.6933, 0.3076, 0.2526)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4B3FF |
| RGB | 244, 179, 255 |
| RGB Percent | 96%, 70%, 100% |
| CMY | 0.0433, 0.2980, 0.0000 |
| CMYK | 0.04, 0.30, 0.00, 0.00 |
| HSL | 291°, 100%, 85% |
| HSV | 291°, 30%, 100% |
| XYZ | 71.4729, 58.6933, 102.1905 |
| YIQ | 207.0990, 14.3440, 37.4160 |

Conversions

Conversions Part 2

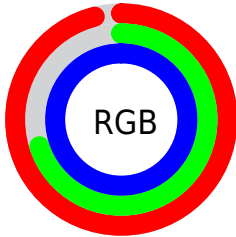
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 244, 179, 255 |
| Decimal | 16036863 |
| CIE _{Lab} | 81.12, 36.05, -28.36 |
| CIE _{LCh} | 81, 45.867, 321.803 |
| Y _{xy} | 58.6933, 0.3076, 0.2526 |
| Android (android.graphics.Color) | 4294226943 (0xFFFF4B3FF) |
| YUV | 207.0990, 23.6152, 32.3622 |
| Hunter-Lab | 76.6116, 32.4571, -25.4575 |

Details

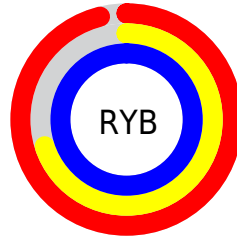
The Yxy color **58.6933, 0.3076, 0.2526** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.7286, 0.3153, 0.4149**, and the grayscale version is **62.3013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.3092, 0.3056, 0.2356** is the 20% darker color. If you saturate the color by 10%, you get **48.7438, 0.3051, 0.2269**, and if you desaturate by 10%, it is **70.5479, 0.3097, 0.2788**.

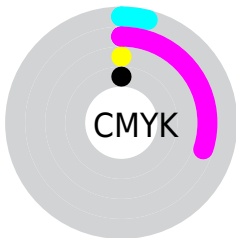
Distribution



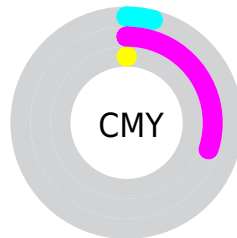
- Red (96%)
- Green (70%)
- Blue (100%)



- Red (96%)
- Yellow (70%)
- Blue (100%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6933, 0.3076, 0.2526 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 58.6933, 0.3076, 0.2526 by changing the saturation by 10% instead.


 58.6933, 0.3076,
0.2526

 58.6933, 0.3076,
0.2526

419.7644, 0.3109,
0.2869

 42.3663, 0.3066,
0.2451


 102.9318, 0.3089,
0.2643

 29.3882, 0.3053,
0.2359


131.6120, 0.3094,
0.2689

 19.3747, 0.3035,
0.2245


165.1788, 0.3098,
0.2729

 11.9413, 0.3009,
0.2102

204.0165, 0.3101,
0.2764

 6.7037, 0.2970,
0.1914

248.5095, 0.3103,
0.2795

 3.2775, 0.2904,
0.1661

299.0422, 0.3105,

 1.2783, 0.2785,

0.2822

0.1308

355.9991, 0.3107,
0.2847

0.1243, 0.2672,
0.0330

0.0000, 0.0000,
0.0000

58.6933, 0.3076,
0.2526

58.6933, 0.3076,
0.2526

48.7438, 0.3051,
0.2269

70.5479, 0.3097,
0.2788

40.5922, 0.3022,
0.2026

84.4012, 0.3114,
0.3047

34.1250, 0.2989,
0.1808

100.0000, 0.3127,
0.3290

29.2144, 0.2953,
0.1625

■ 25.7142, 0.2915,
0.1486

■ 23.4505, 0.2877,
0.1392

■ 22.1449, 0.2838,
0.1338

■ 22.1221, 0.2838,
0.1337

Harmonies

Analogous

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



58.6933, 0.2539, 0.2370



58.6933, 0.3076, 0.2526



58.6933, 0.3682, 0.2844

Triad

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



58.6933, 0.3076, 0.2526



58.6933, 0.4119, 0.4137



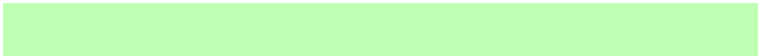
58.6933, 0.2191, 0.3180

Complementary

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



58.6933, 0.3076, 0.2526



85.7286, 0.3153, 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.



58.6933, 0.2552, 0.3788



58.6933, 0.3076, 0.2526



58.6933, 0.3663, 0.4366

Square

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



58.6933, 0.3076, 0.2526



58.6933, 0.4312, 0.3727



58.6933, 0.3088, 0.4256



58.6933, 0.2068, 0.2685

Rectangle

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



58.6933, 0.3076, 0.2526



58.6933, 0.4024, 0.3119



58.6933, 0.3088, 0.4256



58.6933, 0.2286, 0.3380

Sweetspot

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



58.6942, 0.3076, 0.2526



85.5949, 0.3115, 0.3067



53.8121, 0.2613, 0.2550



17.8569, 0.3113, 0.3030



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.



58.6942, 0.3076, 0.2526



52.3048, 0.3061, 0.2365



59.1307, 0.3371, 0.2791



18.1589, 0.3115, 0.3054



11.6103, 0.2844, 0.1340



1.1654, 0.2888, 0.1365

Inverse Universe

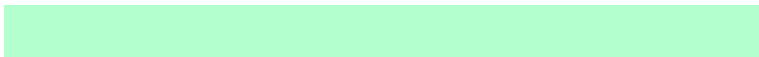
The Inverse Universe completely reimagines the original color for something new.



57.2265, 0.3700, 0.3176



50.6810, 0.3872, 0.3152



85.5430, 0.2945, 0.3850



18.0300, 0.3271, 0.3256



11.1915, 0.6208, 0.3194



1.1019, 0.5943, 0.3047

Previews

White Background



This preview shows how the Yxy color 58.6933, 0.3076, 0.2526 looks on a white background.

Color Contrast Check

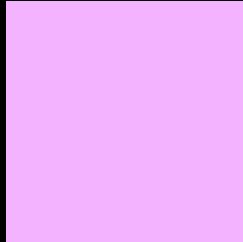
Large Text (above 18pt) WCAG AA × Fail

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 58.6933, 0.3076, 0.2526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

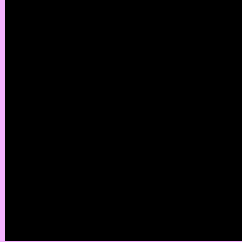
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6933, 0.3076, 0.2526

Background



This preview shows how black text looks on a background with the Yxy color 58.6933, 0.3076, 0.2526.

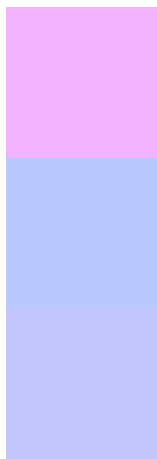


This preview shows how white text looks on a background with the Yxy color 58.6933, 0.3076, 0.2526.

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

58.6933, 0.3076, 0.2526

Protanopia

59.0933, 0.2676, 0.2672

Deuteranopia

59.0890, 0.2757, 0.2699



Tritanopia

58.7594, 0.3408, 0.3128

Trichromacy



Original Color

58.6933, 0.3076, 0.2526



Protanomaly

58.3292, 0.2811, 0.2606



Deuteranomaly

58.4360, 0.2865, 0.2631



Tritanomaly

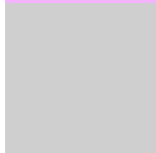
58.5509, 0.3285, 0.2888

Monochromacy



Original Color

58.6933, 0.3076, 0.2526



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.5300, 0.3110, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6933, 0.3076, 0.2526 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(244, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 179, 255)  
}
```

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(244, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 179, 255) }
```

Border

The CSS property to change the border of an element to Yxy 58.6933, 0.3076, 0.2526 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(244, 179, 255) }
```

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

```
.border{ border-color:rgb(244, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 179,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6933, 0.3076, 0.2526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 179, 255) }
```

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

```
.background{ background-color: rgb(244,  
179, 255) }
```

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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