

Converting Colors

$Y_{xy}(59.3921, 0.3278, 0.2671)$

Have a look what the booklet for
Yxy(59.3921, 0.3278, 0.2671)
contains.

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Color

Yxy(59.3921, 0.3278, 0.2671)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2F0
RGB	255, 178, 240
RGB Percent	100%, 70%, 94%
CMY	0.0000, 0.3019, 0.0587
CMYK	0.00, 0.30, 0.06, 0.00
HSL	312°, 100%, 85%
HSV	312°, 30%, 100%
XYZ	72.8893, 59.3921, 90.0776
YIQ	208.0910, 25.9900, 35.6060

Conversions

Conversions Part 2

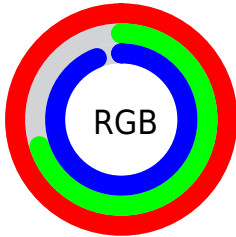
Format	Color
RYB	255, 178, 240
Decimal	16757488
CIELab	81.51, 37.38, -19.64
CIELCh	82, 42.219, 332.283
Yxy	59.3921, 0.3278, 0.2671
Android (android.graphics.Color)	4294947568 (0xFFFFB2F0)
YUV	208.0910, 15.7311, 41.1392
Hunter-Lab	77.0663, 33.9594, -15.3538

Details

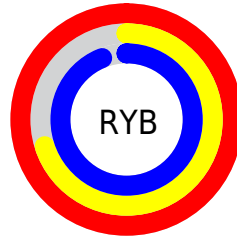
The Yxy color $59.3921, 0.3278, 0.2671$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.8312, 0.3006, 0.4001$, and the grayscale version is $63.0242, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $29.7463, 0.3305, 0.2528$ is the 20% darker color. If you saturate the color by 10%, you get $49.8821, 0.3342, 0.2468$, and if you desaturate by 10%, it is $70.8014, 0.3221, 0.2880$.

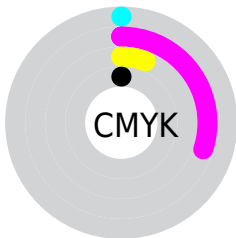
Distribution



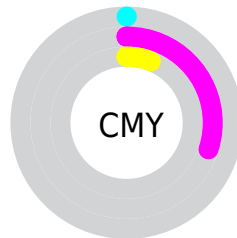
- Red (100%)
- Green (70%)
- Blue (94%)



- Red (100%)
- Yellow (70%)
- Blue (94%)



- Cyan (0%)
- Magenta (30%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (30%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3921, 0.3278, 0.2671 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 59.3921, 0.3278, 0.2671 by changing the saturation by 10% instead.

 59.3921, 0.3278,
0.2671

 59.3921, 0.3278,
0.2671


422.3534, 0.3213,
0.2952

 42.9288, 0.3292,
0.2608


 103.9473, 0.3256,
0.2767

 29.8293, 0.3308,
0.2532


132.8081, 0.3248,
0.2805

 19.7090, 0.3328,
0.2437


166.5701, 0.3240,
0.2837

 12.1837, 0.3352,
0.2314

205.6178, 0.3233,
0.2866

 6.8689, 0.3383,
0.2152

250.3356, 0.3227,
0.2891

 3.3803, 0.3420,
0.1928


301.1079, 0.3222,


 1.3333, 0.3465,


0.2914


0.1602

358.3190, 0.3217,
0.2934


 0.1668, 0.3713,
0.0567


 0.0000, 0.0508,
0.0000


 59.3921, 0.3278,
0.2671


 59.3921, 0.3278,
0.2671

 49.8821, 0.3342,
0.2468


 70.8014, 0.3221,
0.2880

 42.1587, 0.3412,
0.2278

 84.1986, 0.3171,
0.3087

 36.1095, 0.3486,
0.2114

99.6765, 0.3128,
0.3286

 31.6063, 0.3563,
0.1984

99.9989, 0.3127,
0.3290

■ 28.5020, 0.3640,
0.1897

■ 26.6213, 0.3715,
0.1857

■ 25.6865, 0.3785,
0.1858

Harmonies

Analogous

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



59.3921, 0.2744, 0.2468



59.3921, 0.3278, 0.2671



59.3921, 0.3811, 0.3009

Triad

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



59.3921, 0.3278, 0.2671



59.3921, 0.3918, 0.4172



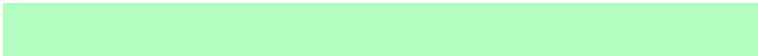
59.3921, 0.2196, 0.3015

Complementary

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



59.3921, 0.3278, 0.2671



84.8312, 0.3006, 0.4001

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.



59.3921, 0.2459, 0.3554



59.3921, 0.3278, 0.2671



59.3921, 0.3446, 0.4278

Square

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



59.3921, 0.3278, 0.2671



59.3921, 0.4189, 0.3843



59.3921, 0.2911, 0.4050



59.3921, 0.2160, 0.2623

Rectangle

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



59.3921, 0.3278, 0.2671



59.3921, 0.4072, 0.3282



59.3921, 0.2911, 0.4050



59.3921, 0.2259, 0.3185

Sweetspot

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



59.3948, 0.3278, 0.2671



85.9373, 0.3166, 0.3111



50.2850, 0.2688, 0.2425



17.9419, 0.3172, 0.3081



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.



59.3948, 0.3278, 0.2671



53.6486, 0.3314, 0.2552



57.3847, 0.3593, 0.3038



18.2362, 0.3168, 0.3101



13.4439, 0.3773, 0.1852



1.3238, 0.3697, 0.1810

Inverse Universe

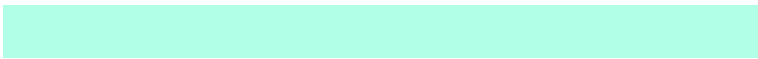
The Inverse Universe completely reimagines the original color for something new.



59.3948, 0.3278, 0.2671



53.6486, 0.3314, 0.2552



86.7297, 0.2811, 0.3559



18.2362, 0.3168, 0.3101



13.4439, 0.3773, 0.1852



1.3238, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 59.3921, 0.3278, 0.2671 looks on a white background.

Color Contrast Check

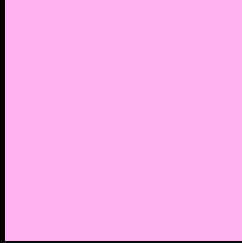
Large Text (above 18pt) WCAG AA × Fail

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 59.3921, 0.3278, 0.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

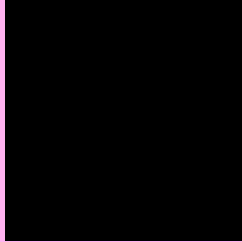
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3921, 0.3278, 0.2671

Background



This preview shows how black text looks on a background with the Yxy color 59.3921, 0.3278, 0.2671.



This preview shows how white text looks on a background with the Yxy color 59.3921, 0.3278, 0.2671.

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

59.3921, 0.3278, 0.2671

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

59.7097, 0.2930, 0.2865



Tritanopia

59.6119, 0.3555, 0.3144

Trichromacy



Original Color

59.3921, 0.3278, 0.2671



Protanomaly

59.3382, 0.2887, 0.2674



Deuteranomaly

59.2233, 0.3050, 0.2793



Tritanomaly

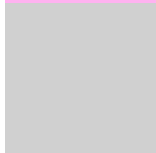
59.4687, 0.3451, 0.2960

Monochromacy



Original Color

59.3921, 0.3278, 0.2671



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.1074, 0.3178, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3921, 0.3278, 0.2671 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(255, 178, 240)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 240)  
}
```

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(255, 178, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 240) }
```

Border

The CSS property to change the border of an element to Yxy 59.3921, 0.3278, 0.2671 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(255, 178, 240) }
```

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

```
.border{ border-color:rgb(255, 178, 240) }
```

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

Here you see how a box with a 4 pixel rgb(255, 178, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 240);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3921, 0.3278, 0.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 240) }
```

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

```
.background{ background-color: rgb(255,  
178, 240) }
```

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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