

Converting Colors

$Y_{xy}(59.1083, 0.3209, 0.2568)$

Have a look what the booklet for
Yxy(59.1083, 0.3209, 0.2568)
contains.

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Color

Yxy(59.1502, 0.3209, 0.2570)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0F9
RGB	255, 176, 249
RGB Percent	100%, 69%, 98%
CMY	0.0001, 0.3097, 0.0235
CMYK	0.00, 0.31, 0.02, 0.00
HSL	305°, 100%, 85%
HSV	305°, 31%, 100%
XYZ	73.8572, 59.1502, 97.1490
YIQ	207.9430, 23.6510, 39.4510

Conversions

Conversions Part 2

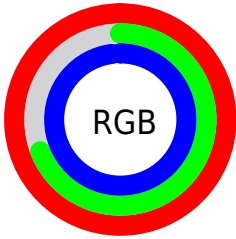
Format	Color
R _Y B	255, 176, 249
Decimal	16756985
CIE Lab	81.37, 39.96, -24.65
CIE LCh	81, 46.956, 328.328
Yxy	59.1502, 0.3209, 0.2570
Android (android.graphics.Color)	4294947065 (0xFFFFB0F9)
YUV	207.9430, 20.2411, 41.2690
Hunter-Lab	76.9092, 36.8256, -21.0567

Details

The Yxy color **59.1502, 0.3209, 0.2570** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.1131, 0.3053, 0.4135**, and the grayscale version is **62.8942, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **29.5952, 0.3222, 0.2414** is the 20% darker color. If you saturate the color by 10%, you get **49.9545, 0.3240, 0.2345**, and if you desaturate by 10%, it is **70.2301, 0.3180, 0.2804**.

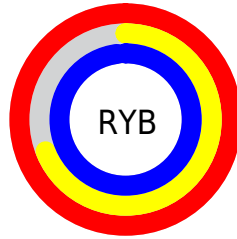
Distribution



Red (100%)

Green (69%)

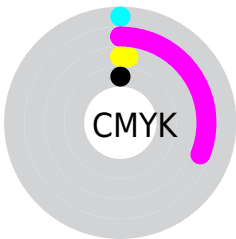
Blue (98%)



Red (100%)

Yellow (69%)

Blue (98%)

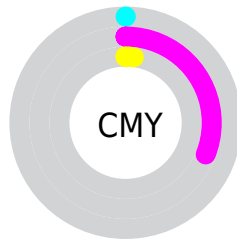


Cyan (0%)

Magenta (31%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1502, 0.3209, 0.2570 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 59.1502, 0.3209, 0.2570 by changing the saturation by 10% instead.

 59.1502, 0.3209,
0.2570

 59.1502, 0.3209,
0.2570


421.4583, 0.3179,
0.2893

 42.7340, 0.3214,
0.2499

 103.5959, 0.3200,
0.2680

 29.6765, 0.3220,
0.2412


132.3943, 0.3196,
0.2723

 19.5932, 0.3225,
0.2305


166.0889, 0.3192,
0.2761

 12.0997, 0.3230,
0.2168

205.0640, 0.3189,
0.2794

 6.8116, 0.3232,
0.1989

249.7041, 0.3186,
0.2823

 3.3446, 0.3227,
0.1747


300.3936, 0.3184,


 1.3141, 0.3202,


0.2849


0.1404

357.5169, 0.3181,
0.2872


 0.1521, 0.3272,
0.0432


 0.0000, 0.0903,
0.0000


 59.1502, 0.3209,
0.2570


 59.1502, 0.3209,
0.2570


 49.9545, 0.3240,
0.2345


 70.2301, 0.3180,
0.2804


 42.5299, 0.3272,
0.2138

 83.2835, 0.3153,
0.3039

 36.7631, 0.3304,
0.1961

 98.4036, 0.3129,
0.3268

 32.5248, 0.3335,
0.1820

 99.9952, 0.3127,
0.3290

■ 29.6662, 0.3364,
0.1723

■ 28.0091, 0.3391,
0.1670

■ 27.2934, 0.3413,
0.1654

Harmonies

Analogous

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



59.1502, 0.2632, 0.2371



59.1502, 0.3209, 0.2570



59.1502, 0.3817, 0.2922

Triad

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



59.1502, 0.3209, 0.2570



59.1502, 0.4055, 0.4225



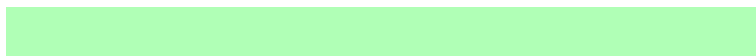
59.1502, 0.2124, 0.3050

Complementary

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



59.1502, 0.3209, 0.2570



84.1131, 0.3053, 0.4135

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.



59.1502, 0.2441, 0.3665



59.1502, 0.3209, 0.2570



59.1502, 0.3550, 0.4399

Square

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



59.1502, 0.3209, 0.2570



59.1502, 0.4322, 0.3832



59.1502, 0.2958, 0.4201



59.1502, 0.2054, 0.2591

Rectangle

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



59.1502, 0.3209, 0.2570



59.1502, 0.4133, 0.3213



59.1502, 0.2958, 0.4201



59.1502, 0.2203, 0.3246

Sweetspot

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



59.1528, 0.3209, 0.2570



86.1101, 0.3148, 0.3085



48.1341, 0.2610, 0.2384



17.9848, 0.3152, 0.3051



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.



59.1528, 0.3209, 0.2570



53.3965, 0.3227, 0.2433



56.9778, 0.3528, 0.2938



18.2753, 0.3150, 0.3073



14.2746, 0.3409, 0.1652



1.3967, 0.3384, 0.1638

Inverse Universe

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



59.1528, 0.3209, 0.2570



53.3965, 0.3227, 0.2433



85.9438, 0.2850, 0.3674



18.2753, 0.3150, 0.3073



14.2746, 0.3409, 0.1652



1.3967, 0.3384, 0.1638

Previews

White Background



This preview shows how the Yxy color 59.1502, 0.3209, 0.2570 looks on a white background.

Color Contrast Check

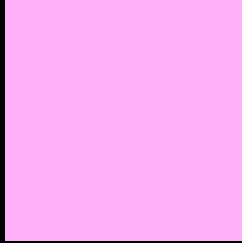
Large Text (above 18pt) WCAG AA × Fail

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 59.1502, 0.3209, 0.2570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

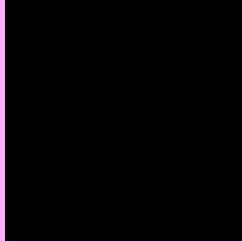
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.1502, 0.3209, 0.2570

Background



This preview shows how black text looks on a background with the Yxy color 59.1502, 0.3209, 0.2570.

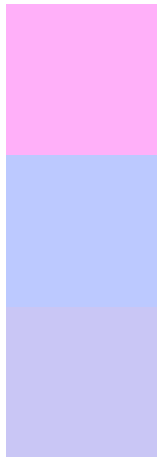


This preview shows how white text looks on a background with the Yxy color 59.1502, 0.3209, 0.2570.

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

59.1502, 0.3209, 0.2570

Protanopia

59.6847, 0.2684, 0.2684

Deuteranopia

59.3982, 0.2829, 0.2765



Tritanopia

58.8245, 0.3540, 0.3132

Trichromacy



Original Color

59.1502, 0.3209, 0.2570



Protanomaly

58.7882, 0.2852, 0.2631



Deuteranomaly

58.8529, 0.2964, 0.2689



Tritanomaly

59.0271, 0.3419, 0.2918

Monochromacy



Original Color

59.1502, 0.3209, 0.2570



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

60.8151, 0.3157, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.1502, 0.3209, 0.2570 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, 176, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 249)  
}
```

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, 176, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 249) }
```

Border

The CSS property to change the border of an element to Yxy 59.1502, 0.3209, 0.2570 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, 176, 249) }
```

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

```
.border{ border-color:rgb(255, 176, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1502, 0.3209, 0.2570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 249) }
```

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

```
.background{ background-color: rgb(255,  
176, 249) }
```

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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