

Converting Colors

$Y_{xy}(70.3363, 0.2444, 0.1711)$

Have a look what the booklet for
Yxy(70.3363, 0.2444, 0.1711)
contains.

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Color

Yxy(59.7562, 0.3139, 0.2531)

Conversions

Conversions Part 1

Format	Color
Hex	FCB2FF
RGB	252, 178, 255
RGB Percent	99%, 70%, 100%
CMY	0.0118, 0.3019, 0.0000
CMYK	0.01, 0.30, 0.00, 0.00
HSL	298°, 100%, 85%
HSV	298°, 30%, 100%
XYZ	74.1109, 59.7562, 102.2301
YIQ	208.9040, 19.3870, 39.6350

Conversions

Conversions Part 2

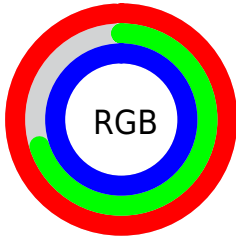
Format	Color
RYB	252, 178, 255
Decimal	16560895
CIELab	81.71, 39.06, -27.38
CIELCh	82, 47.703, 324.968
Yxy	59.7562, 0.3139, 0.2531
Android (android.graphics.Color)	4294750975 (0xFFFCB2FF)
YUV	208.9040, 22.7253, 37.7952
Hunter-Lab	77.3021, 35.8523, -24.2980

Details

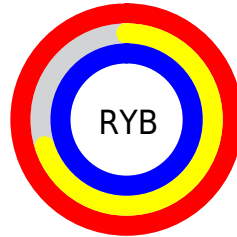
The Yxy color **59.7562, 0.3139, 0.2531** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.5572, 0.3103, 0.4175**, and the grayscale version is **63.5359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.9619, 0.3129, 0.2364** is the 20% darker color. If you saturate the color by 10%, you get **50.3510, 0.3140, 0.2287**, and if you desaturate by 10%, it is **71.0535, 0.3136, 0.2784**.

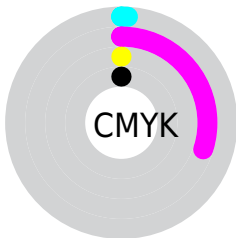
Distribution



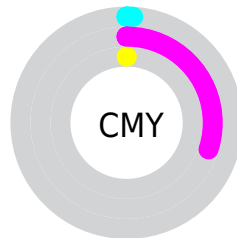
- Red (99%)
- Green (70%)
- Blue (100%)



- Red (99%)
- Yellow (70%)
- Blue (100%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7562, 0.3139, 0.2531 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 59.7562, 0.3139, 0.2531 by changing the saturation by 10% instead.


 59.7562, 0.3139,
0.2531

 59.7562, 0.3139,
0.2531


423.6985, 0.3142,
0.2870

 43.2222, 0.3136,
0.2457


 104.4759, 0.3142,
0.2646

 30.0595, 0.3132,
0.2367


133.4304, 0.3143,
0.2692

 19.8837, 0.3124,
0.2255


167.2938, 0.3143,
0.2731

 12.3106, 0.3112,
0.2114

206.4505, 0.3143,
0.2766

 6.9555, 0.3092,
0.1930

251.2850, 0.3143,
0.2796

 3.4343, 0.3054,
0.1684


302.1815, 0.3143,


 1.3625, 0.2977,

0.2824

0.1340


359.5246, 0.3143,
0.2848


 0.1888, 0.2920,
0.0472


 0.0000, 0.0811,
0.0000


 59.7562, 0.3139,
0.2531

 59.7562, 0.3139,
0.2531

 50.3510, 0.3140,
0.2287

 71.0535, 0.3136,
0.2784

 42.7255, 0.3140,
0.2062

 84.3317, 0.3132,
0.3038

 36.7673, 0.3138,
0.1866

99.6833, 0.3127,
0.3285

 32.3482, 0.3133,
0.1708

99.9996, 0.3127,
0.3290

■ 29.3213, 0.3127,
0.1592

■ 27.5112, 0.3119,
0.1521

■ 26.6391, 0.3110,
0.1487

Harmonies

Analogous

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



59.7562, 0.2570, 0.2350



59.7562, 0.3139, 0.2531



59.7562, 0.3762, 0.2872

Triad

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



59.7562, 0.3139, 0.2531



59.7562, 0.4110, 0.4198



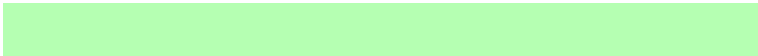
59.7562, 0.2136, 0.3111

Complementary

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



59.7562, 0.3139, 0.2531



84.5572, 0.3103, 0.4175

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.



59.7562, 0.2483, 0.3741



59.7562, 0.3139, 0.2531



59.7562, 0.3618, 0.4410

Square

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



59.7562, 0.3139, 0.2531



59.7562, 0.4346, 0.3786



59.7562, 0.3021, 0.4257



59.7562, 0.2038, 0.2623

Rectangle

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



59.7562, 0.3139, 0.2531



59.7562, 0.4101, 0.3160



59.7562, 0.3021, 0.4257



59.7562, 0.2225, 0.3315

Sweetspot

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



59.7588, 0.3139, 0.2531



86.0518, 0.3132, 0.3068



50.0854, 0.2595, 0.2447



17.9703, 0.3132, 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.



59.7588, 0.3139, 0.2531



54.0720, 0.3140, 0.2387



58.2908, 0.3439, 0.2858



18.2621, 0.3132, 0.3055



13.9362, 0.3112, 0.1488



1.3677, 0.3123, 0.1494

Inverse Universe

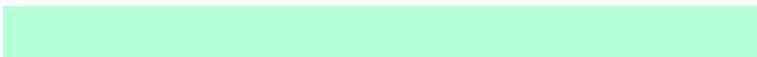
The Inverse Universe completely reimagines the original color for something new.



56.4417, 0.3784, 0.3260



50.3075, 0.3968, 0.3255



85.7694, 0.2903, 0.3768



17.9986, 0.3288, 0.3281



11.1252, 0.6361, 0.3278



1.0871, 0.6269, 0.3227

Previews

White Background



This preview shows how the Yxy color 59.7562, 0.3139, 0.2531 looks on a white background.

Color Contrast Check

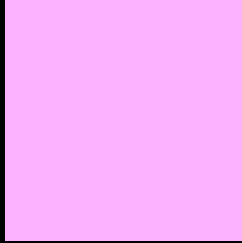
Large Text (above 18pt) WCAG AA × Fail

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 59.7562, 0.3139, 0.2531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

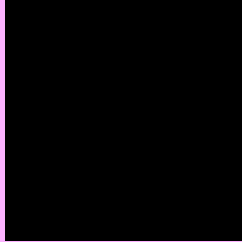
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7562, 0.3139, 0.2531

Background



This preview shows how black text looks on a background with the Yxy color 59.7562, 0.3139, 0.2531.

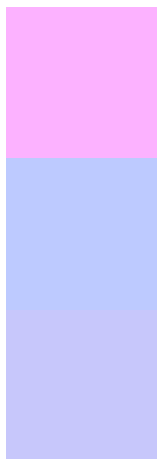


This preview shows how white text looks on a background with the Yxy color 59.7562, 0.3139, 0.2531.

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

59.7562, 0.3139, 0.2531

Protanopia

60.2799, 0.2691, 0.2697

Deuteranopia

59.9540, 0.2778, 0.2714



Tritanopia

59.6907, 0.3484, 0.3131

Trichromacy



Original Color

59.7562, 0.3139, 0.2531



Protanomaly

59.3570, 0.2840, 0.2623



Deuteranomaly

59.1953, 0.2902, 0.2638



Tritanomaly

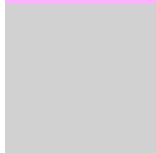
59.5114, 0.3359, 0.2896

Monochromacy



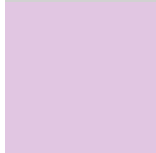
Original Color

59.7562, 0.3139, 0.2531



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

61.8867, 0.3134, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7562, 0.3139, 0.2531 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, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 178, 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(252, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.7562, 0.3139, 0.2531 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, 178, 255) }
```

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

```
.border{ border-color:rgb(252, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7562, 0.3139, 0.2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 178, 255) }
```

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

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