

Converting Colors

Yxy(47.9918, 0.2693, 0.2394)

Have a look what the booklet for
Yxy(47.9918, 0.2693, 0.2394)
contains.

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Color

Yxy(47.9918, 0.2693, 0.2394)

Conversions

Conversions Part 1

Format	Color
Hex	BFADFC
RGB	191, 173, 252
RGB Percent	75%, 68%, 99%
CMY	0.2512, 0.3215, 0.0119
CMYK	0.24, 0.31, 0.00, 0.01
HSL	254°, 93%, 83%
HSV	254°, 31%, 99%
XYZ	53.9858, 47.9918, 98.4894
YIQ	187.3880, -14.6310, 28.3850

Conversions

Conversions Part 2

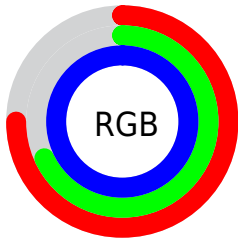
Format	Color
R _Y B	191, 173, 252
Decimal	12561916
CIE Lab	74.82, 22.61, -36.84
CIE LCh	75, 43.225, 301.547
Yxy	47.9918, 0.2693, 0.2394
Android (android.graphics.Color)	4290751996 (0xFFBFADFC)
YUV	187.3880, 31.8537, 3.1677
Hunter-Lab	69.2761, 17.8690, -35.7990

Details

The Yxy color **47.9918, 0.2693, 0.2394** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **90.1231, 0.3478, 0.4109**, and the grayscale version is **49.7450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2151, 0.3092, 0.3035**, and **22.8491, 0.2573, 0.2190** is the 20% darker color. If you saturate the color by 10%, you get **36.8638, 0.2520, 0.2063**, and if you desaturate by 10%, it is **61.2817, 0.2851, 0.2708**.

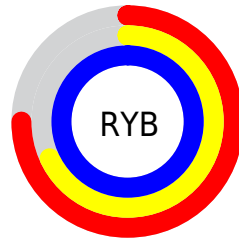
Distribution



Red (75%)

Green (68%)

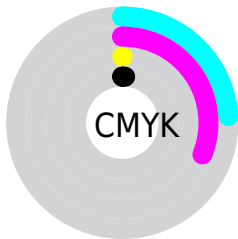
Blue (99%)



Red (75%)

Yellow (68%)

Blue (99%)

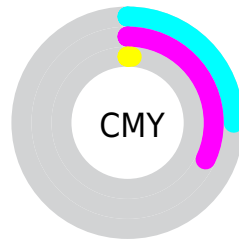


Cyan (24%)

Magenta (31%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (32%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9918, 0.2693, 0.2394 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 47.9918, 0.2693, 0.2394 by changing the saturation by 10% instead.


 47.9918, 0.2693,
0.2394

 47.9918, 0.2693,
0.2394


378.7596, 0.2911,
0.2811

 33.8204, 0.2640,
0.2300


 87.1922, 0.2772,
0.2538

 22.7557, 0.2572,
0.2184


112.9900, 0.2801,
0.2594

 14.4132, 0.2484,
0.2039


143.4320, 0.2827,
0.2643

 8.4086, 0.2365,
0.1853

178.9027, 0.2848,
0.2685

 4.3575, 0.2198,
0.1609

219.7864, 0.2867,
0.2722

 1.8755, 0.1951,
0.1281

266.4675, 0.2883,

 0.5336, 0.1575,

0.2755

0.0779

319.3304, 0.2898,
0.2784

0.0000, 0.0030,
0.0000

0.0000, 0.0000,
0.0000

47.9918, 0.2693,
0.2394

47.9918, 0.2693,
0.2394

36.8638, 0.2520,
0.2063

61.2817, 0.2851,
0.2708

27.7760, 0.2336,
0.1728

76.8347, 0.2991,
0.2997

20.6036, 0.2149,
0.1407

94.7527, 0.3112,
0.3258

15.2051, 0.1971,
0.1122

99.8065, 0.3145,
0.3319

■ 11.4191, 0.1814,
0.0895

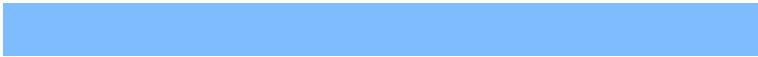
■ 9.0533, 0.1689,
0.0739

■ 7.9019, 0.1609,
0.0660

Harmonies

Analogous

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



47.9918, 0.2272, 0.2369



47.9918, 0.2693, 0.2394



47.9918, 0.3275, 0.2609

Triad

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



47.9918, 0.2693, 0.2394



47.9918, 0.4294, 0.3874



47.9918, 0.2405, 0.3594

Complementary

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



47.9918, 0.2693, 0.2394



90.1231, 0.3478, 0.4109

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.



47.9918, 0.2900, 0.4144



47.9918, 0.2693, 0.2394



47.9918, 0.3999, 0.4246

Square

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



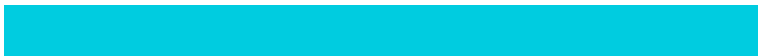
47.9918, 0.2693, 0.2394



47.9918, 0.4253, 0.3417



47.9918, 0.3484, 0.4382



47.9918, 0.2116, 0.2995

Rectangle

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



47.9918, 0.2693, 0.2394



47.9918, 0.3681, 0.2838



47.9918, 0.3484, 0.4382



47.9918, 0.2551, 0.3797

Sweetspot

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



47.9937, 0.2693, 0.2394



83.0105, 0.3020, 0.3060



75.2548, 0.2654, 0.3098



17.2202, 0.3002, 0.3021



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.



47.9937, 0.2693, 0.2394



41.4223, 0.2578, 0.2174



53.6820, 0.2987, 0.2466



16.8330, 0.3014, 0.3047



4.1710, 0.1621, 0.0667



0.4316, 0.1732, 0.0728

Inverse Universe

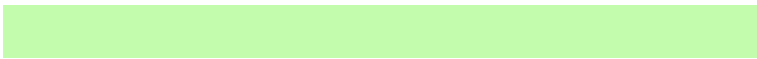
The Inverse Universe completely reimagines the original color for something new.



56.5318, 0.3306, 0.2672



51.6314, 0.3354, 0.2540



84.2763, 0.3222, 0.4180



17.4532, 0.3173, 0.3108



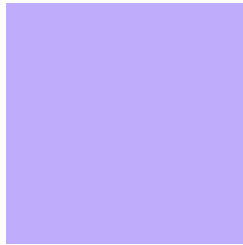
12.8518, 0.3883, 0.1913



1.2062, 0.3786, 0.1859

Previews

White Background



This preview shows how the Yxy color 47.9918, 0.2693, 0.2394 looks on a white background.

Color Contrast Check

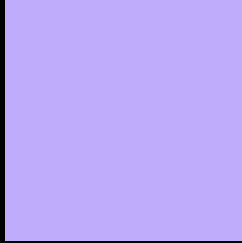
Large Text (above 18pt) WCAG AA × Fail

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 47.9918, 0.2693, 0.2394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

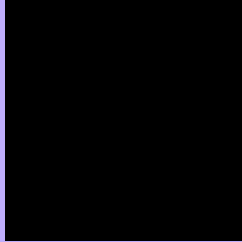
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9918, 0.2693, 0.2394

Background



This preview shows how black text looks on a background with the Yxy color 47.9918, 0.2693, 0.2394.



This preview shows how white text looks on a background with the Yxy color 47.9918, 0.2693, 0.2394.

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

47.9918, 0.2693, 0.2394

Protanopia

48.3573, 0.2492, 0.2426

Deuteranopia

48.3574, 0.2538, 0.2480



Tritanopia

48.1820, 0.2996, 0.3111

Trichromacy



Original Color

47.9918, 0.2693, 0.2394

Protanomaly

48.2802, 0.2563, 0.2415

Deuteranomaly

48.2039, 0.2587, 0.2446

Tritanomaly

48.0188, 0.2881, 0.2824

Monochromacy



Original Color

47.9918, 0.2693, 0.2394

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.8504, 0.2956, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9918, 0.2693, 0.2394 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(191, 173, 252)` looks like.

```
.text, #text, p{  
    color:rgb(191, 173, 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(191, 173, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 173, 252) }
```

Border

The CSS property to change the border of an element to Yxy 47.9918, 0.2693, 0.2394 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(191, 173, 252) }
```

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

```
.border{ border-color:rgb(191, 173, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 173, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 173, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 173, 252);  
box-shadow:4px 4px 4px 4px rgb(191, 173,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9918, 0.2693, 0.2394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 173, 252) }
```

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

```
.background{ background-color: rgb(191,  
173, 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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