

Converting Colors

Yxy(51.1034, 0.2917, 0.2377)

Have a look what the booklet for
Yxy(51.1034, 0.2917, 0.2377)
contains.

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Color

Yxy(51.0726, 0.2920, 0.2375)

Conversions

Conversions Part 1

Format	Color
Hex	E0A8FF
RGB	224, 168, 255
RGB Percent	88%, 66%, 100%
CMY	0.1216, 0.3411, 0.0000
CMYK	0.12, 0.34, 0.00, 0.00
HSL	279°, 100%, 83%
HSV	279°, 34%, 100%
XYZ	62.7924, 51.0726, 101.1775
YIQ	194.6620, 5.4490, 38.9290

Conversions

Conversions Part 2

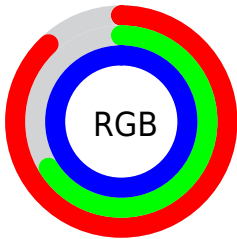
Format	Color
R_{YB}	224, 168, 255
Decimal	14723327
CIE _{Lab}	76.72, 35.80, -35.30
CIE _{LCh}	77, 50.278, 315.406
Yxy	51.0726, 0.2920, 0.2375
Android (android.graphics.Color)	4292913407 (0xFFE0A8FF)
YUV	194.6620, 29.7466, 25.7294
Hunter-Lab	71.4651, 31.7741, -33.9149

Details

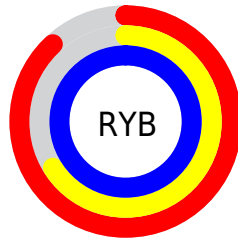
The Yxy color $51.0726, 0.2920, 0.2375$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $86.4927, 0.3268, 0.4258$, and the grayscale version is $54.1786, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $24.6635, 0.2858, 0.2171$ is the 20% darker color. If you saturate the color by 10%, you get $41.1484, 0.2839, 0.2094$, and if you desaturate by 10%, it is $62.9213, 0.2992, 0.2657$.

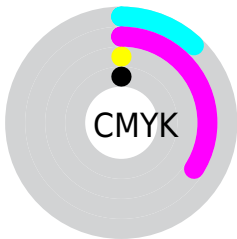
Distribution



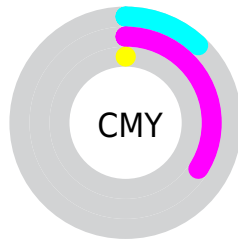
- Red (88%)
- Green (66%)
- Blue (100%)



- Red (88%)
- Yellow (66%)
- Blue (100%)



- Cyan (12%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0726, 0.2920, 0.2375 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 51.0726, 0.2920, 0.2375 by changing the saturation by 10% instead.

 51.0726, 0.2920,
0.2375


 51.0726, 0.2920,
0.2375


390.8458, 0.3031,
0.2791

 36.2664, 0.2891,
0.2283


 91.7621, 0.2961,
0.2517

 24.6400, 0.2854,
0.2171


 118.4141, 0.2976,
0.2573

 15.8091, 0.2805,
0.2032


149.7836, 0.2989,
0.2621

 9.3891, 0.2736,
0.1856

186.2549, 0.3000,
0.2664

 4.9959, 0.2636,
0.1628

228.2123, 0.3009,
0.2701

 2.2448, 0.2481,
0.1324

276.0404, 0.3017,

 0.7443, 0.2222,

0.2734

0.0909

330.1234, 0.3025,
0.2764

■ 0.0000, 0.1718,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0726, 0.2920,
0.2375

■ 51.0726, 0.2920,
0.2375

■ 41.1484, 0.2839,
0.2094

■ 62.9213, 0.2992,
0.2657

■ 33.0379, 0.2749,
0.1823

■ 76.7941, 0.3055,
0.2930

■ 26.6206, 0.2653,
0.1577

■ 92.7848, 0.3108,
0.3189

■ 21.7604, 0.2555,
0.1368

100.0000, 0.3127,
0.3290

■ 18.2996, 0.2458,
0.1206

■ 16.0453, 0.2365,
0.1094

■ 15.1217, 0.2314,
0.1048

Harmonies

Analogous

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



51.0726, 0.2353, 0.2243



51.0726, 0.2920, 0.2375



51.0726, 0.3616, 0.2695

Triad

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



51.0726, 0.2920, 0.2375



51.0726, 0.4330, 0.4149



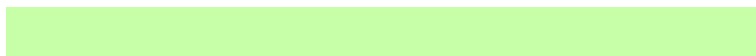
51.0726, 0.2128, 0.3300

Complementary

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



51.0726, 0.2920, 0.2375



86.4927, 0.3268, 0.4258

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.



51.0726, 0.2582, 0.4010



51.0726, 0.2920, 0.2375



51.0726, 0.3855, 0.4491

Square

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



51.0726, 0.2920, 0.2375



51.0726, 0.4481, 0.3658



51.0726, 0.3213, 0.4480



51.0726, 0.1938, 0.2691

Rectangle

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



51.0726, 0.2920, 0.2375



51.0726, 0.4043, 0.2986



51.0726, 0.3213, 0.4480



51.0726, 0.2252, 0.3540

Sweetspot

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



51.0731, 0.2920, 0.2375



83.1120, 0.3078, 0.3039



56.8102, 0.2558, 0.2651



17.3188, 0.3070, 0.3002



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.



51.0731, 0.2920, 0.2375



44.0397, 0.2865, 0.2181



55.7635, 0.3259, 0.2542



17.9575, 0.3081, 0.3052



7.9883, 0.2328, 0.1056



0.8392, 0.2428, 0.1111

Inverse Universe

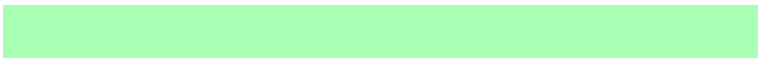
The Inverse Universe completely reimagines the original color for something new.



53.3927, 0.3645, 0.2969



46.8356, 0.3797, 0.2903



83.1250, 0.3019, 0.4175



18.0941, 0.3238, 0.3206



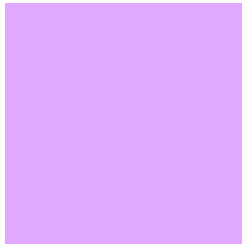
11.5284, 0.5558, 0.2835



1.1424, 0.5244, 0.2662

Previews

White Background



This preview shows how the Yxy color 51.0726, 0.2920, 0.2375 looks on a white background.

Color Contrast Check

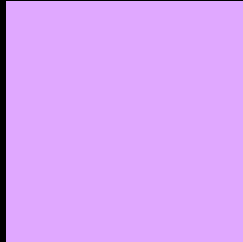
Large Text (above 18pt) WCAG AA × Fail

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 51.0726, 0.2920, 0.2375 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 51.0726, 0.2920, 0.2375

Background



This preview shows how black text looks on a background with the Yxy color 51.0726, 0.2920, 0.2375.

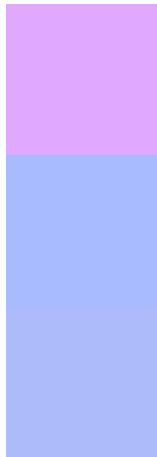


This preview shows how white text looks on a background with the Yxy color 51.0726, 0.2920, 0.2375.

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

51.0726, 0.2920, 0.2375

Protanopia

51.1957, 0.2544, 0.2496

Deuteranopia

51.5044, 0.2598, 0.2542



Tritanopia

50.9846, 0.3316, 0.3126

Trichromacy



Original Color

51.0726, 0.2920, 0.2375



Protanomaly

50.6813, 0.2668, 0.2442



Deuteranomaly

50.8773, 0.2707, 0.2476

Tritanomaly

50.9140, 0.3165, 0.2836

Monochromacy



Original Color

51.0726, 0.2920, 0.2375



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.8295, 0.3055, 0.2917

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0726, 0.2920, 0.2375 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(224, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 168, 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(224, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.0726, 0.2920, 0.2375 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(224, 168, 255) }
```

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

```
.border{ border-color:rgb(224, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0726, 0.2920, 0.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 168, 255) }
```

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

```
.background{ background-color: rgb(224,  
168, 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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