

Converting Colors

Yxy(51.7660, 0.2949, 0.2386)

Have a look what the booklet for
Yxy(51.7660, 0.2949, 0.2386)
contains.

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Color

Yxy(51.7192, 0.2952, 0.2384)

Conversions

Conversions Part 1

Format	Color
Hex	E4A8FF
RGB	228, 168, 255
RGB Percent	89%, 66%, 100%
CMY	0.1059, 0.3411, 0.0001
CMYK	0.11, 0.34, 0.00, 0.00
HSL	281°, 100%, 83%
HSV	281°, 34%, 100%
XYZ	64.0416, 51.7192, 101.1822
YIQ	195.8580, 7.8330, 39.7770

Conversions

Conversions Part 2

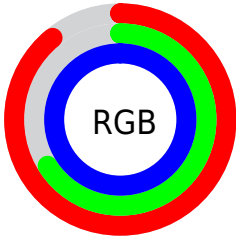
Format	Color
R _Y B	228, 168, 255
Decimal	14985471
CIE Lab	77.11, 36.99, -34.63
CIE LCh	77, 50.672, 316.889
Yxy	51.7192, 0.2952, 0.2384
Android (android.graphics.Color)	4293175551 (0xFFE4A8FF)
YUV	195.8580, 29.1570, 28.1885
Hunter-Lab	71.9161, 33.1019, -33.0767

Details

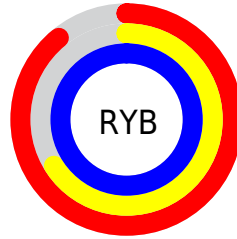
The Yxy color **51.7192, 0.2952, 0.2384** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.9223, 0.3243, 0.4266**, and the grayscale version is **54.9322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **24.9966, 0.2889, 0.2181** is the 20% darker color. If you saturate the color by 10%, you get **41.9477, 0.2882, 0.2109**, and if you desaturate by 10%, it is **63.3997, 0.3014, 0.2661**.

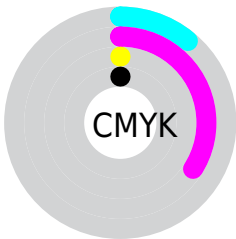
Distribution



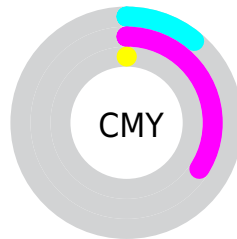
- Red (89%)
- Green (66%)
- Blue (100%)



- Red (89%)
- Yellow (66%)
- Blue (100%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.7192, 0.2952, 0.2384 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 51.7192, 0.2952, 0.2384 by changing the saturation by 10% instead.


 51.7192, 0.2952,
0.2384

 51.7192, 0.2952,
0.2384


393.3516, 0.3047,
0.2795

 36.7813, 0.2927,
0.2293


 92.7170, 0.2988,
0.2524

 25.0382, 0.2894,
0.2183


 119.5457, 0.3001,
0.2579

 16.1055, 0.2851,
0.2046


151.1067, 0.3012,
0.2627

 9.5989, 0.2790,
0.1873

187.7846, 0.3021,
0.2669

 5.1338, 0.2700,
0.1648

229.9636, 0.3029,
0.2706

 2.3260, 0.2560,
0.1349

278.0282, 0.3036,

 0.7874, 0.2322,

0.2739

0.0943

332.3627, 0.3042,
0.2768

■ 0.0000, 0.1901,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.7192, 0.2952,
0.2384

■ 51.7192, 0.2952,
0.2384

■ 41.9477, 0.2882,
0.2109

■ 63.3997, 0.3014,
0.2661

■ 33.9695, 0.2805,
0.1846

■ 77.0829, 0.3066,
0.2932

■ 27.6665, 0.2723,
0.1609

■ 92.8641, 0.3111,
0.3189

■ 22.9030, 0.2637,
0.1409

99.9975, 0.3127,
0.3290

■ 19.5218, 0.2552,
0.1256

■ 17.3307, 0.2470,
0.1152

■ 16.4355, 0.2424,
0.1109

Harmonies

Analogous

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



51.7192, 0.2373, 0.2241



51.7192, 0.2952, 0.2384



51.7192, 0.3652, 0.2713

Triad

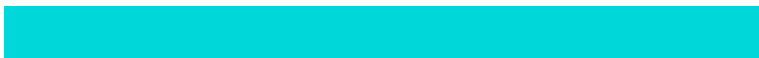
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.7192, 0.2952, 0.2384



51.7192, 0.4317, 0.4173



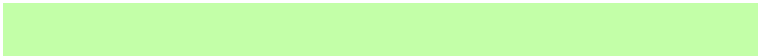
51.7192, 0.2109, 0.3265

Complementary

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



51.7192, 0.2952, 0.2384



85.9223, 0.3243, 0.4266

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.



51.7192, 0.2552, 0.3980



51.7192, 0.2952, 0.2384



51.7192, 0.3828, 0.4505

Square

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



51.7192, 0.2952, 0.2384



51.7192, 0.4488, 0.3684



51.7192, 0.3180, 0.4471



51.7192, 0.1932, 0.2664

Rectangle

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



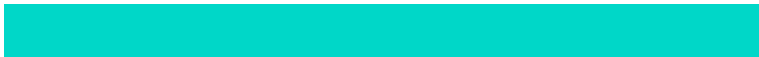
51.7192, 0.2952, 0.2384



51.7192, 0.4075, 0.3008



51.7192, 0.3180, 0.4471



51.7192, 0.2229, 0.3505

Sweetspot

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



51.7214, 0.2952, 0.2384



83.3267, 0.3086, 0.3039



54.8196, 0.2552, 0.2598



17.3708, 0.3079, 0.3003



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.



51.7214, 0.2952, 0.2384



44.7976, 0.2905, 0.2193



55.4962, 0.3294, 0.2582



18.0012, 0.3088, 0.3052



8.6734, 0.2437, 0.1116



0.9024, 0.2526, 0.1165

Inverse Universe

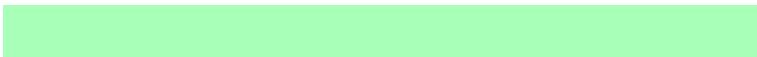
The Inverse Universe completely reimagines the original color for something new.



53.2020, 0.3682, 0.3010



46.6302, 0.3847, 0.2953



83.2807, 0.2997, 0.4122



18.0798, 0.3245, 0.3217



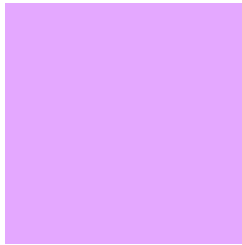
11.4278, 0.5732, 0.2932



1.1313, 0.5412, 0.2755

Previews

White Background



This preview shows how the Yxy color 51.7192, 0.2952, 0.2384 looks on a white background.

Color Contrast Check

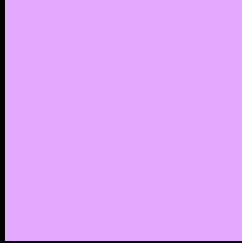
Large Text (above 18pt) WCAG AA × Fail

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 51.7192, 0.2952, 0.2384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

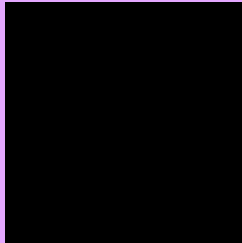
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7192, 0.2952, 0.2384

Background



This preview shows how black text looks on a background with the Yxy color 51.7192, 0.2952, 0.2384.



This preview shows how white text looks on a background with the Yxy color 51.7192, 0.2952, 0.2384.

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

51.7192, 0.2952, 0.2384

Protanopia

51.8444, 0.2558, 0.2511

Deuteranopia

52.1616, 0.2613, 0.2557



Tritanopia

51.5976, 0.3351, 0.3128

Trichromacy



Original Color

51.7192, 0.2952, 0.2384



Protanomaly

51.4742, 0.2690, 0.2459



Deuteranomaly

51.6781, 0.2729, 0.2492

Tritanomaly

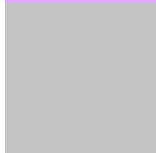
51.5381, 0.3199, 0.2841

Monochromacy



Original Color

51.7192, 0.2952, 0.2384



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.5375, 0.3071, 0.2931

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7192, 0.2952, 0.2384 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(228, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.7192, 0.2952, 0.2384 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(228, 168, 255) }
```

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

```
.border{ border-color:rgb(228, 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(228, 168, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7192, 0.2952, 0.2384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 168, 255) }
```

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

```
.background{ background-color: rgb(228,  
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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