

Converting Colors

Yxy(54.0745, 0.2921, 0.2458)

Have a look what the booklet for
Yxy(54.0745, 0.2921, 0.2458)
contains.

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Color

Yxy(54.1180, 0.2922, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	E0B0FF
RGB	224, 176, 255
RGB Percent	88%, 69%, 100%
CMY	0.1217, 0.3097, 0.0000
CMYK	0.12, 0.31, 0.00, 0.00
HSL	276°, 100%, 85%
HSV	276°, 31%, 100%
XYZ	64.3078, 54.1180, 101.6556
YIQ	199.3580, 3.2490, 34.7450

Conversions

Conversions Part 2

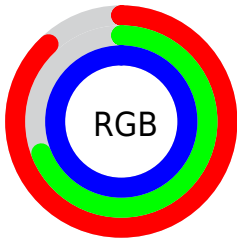
Format	Color
R_{YB}	224, 176, 255
Decimal	14725375
CIE _{Lab}	78.53, 31.49, -32.49
CIE _{LCh}	79, 45.244, 314.103
Yxy	54.1180, 0.2922, 0.2459
Android (android.graphics.Color)	4292915455 (0xFFE0B0FF)
YUV	199.3580, 27.4315, 21.6110
Hunter-Lab	73.5649, 27.2995, -30.4343

Details

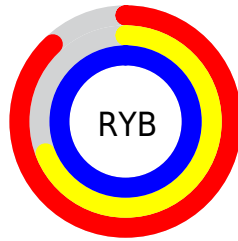
The Yxy color **54.1180, 0.2922, 0.2459** is a light color, and the websafe version is hex **CC99FF**, and the color name is **mauve**. A complement of this color would be **87.9201, 0.3276, 0.4154**, and the grayscale version is **57.1715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **26.5680, 0.2862, 0.2275** is the 20% darker color. If you saturate the color by 10%, you get **43.4880, 0.2834, 0.2172**, and if you desaturate by 10%, it is **66.7248, 0.2999, 0.2742**.

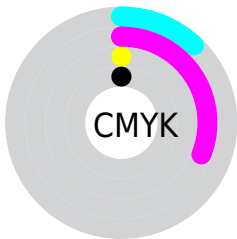
Distribution



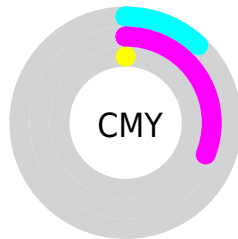
- Red (88%)
- Green (69%)
- Blue (100%)



- Red (88%)
- Yellow (69%)
- Blue (100%)



- Cyan (12%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (12%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1180, 0.2922, 0.2459 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 54.1180, 0.2922, 0.2459 by changing the saturation by 10% instead.


 54.1180, 0.2922,
0.2459

 54.1180, 0.2922,
0.2459


402.5598, 0.3029,
0.2836

 38.6960, 0.2895,
0.2375


 96.2475, 0.2961,
0.2588

 26.5233, 0.2860,
0.2273


123.7238, 0.2976,
0.2639

 17.2155, 0.2814,
0.2146


155.9869, 0.2988,
0.2683

 10.3883, 0.2751,
0.1985

193.4214, 0.2999,
0.2721

 5.6572, 0.2659,
0.1774

236.4115, 0.3008,
0.2755

 2.6378, 0.2519,
0.1490

285.3417, 0.3016,

 0.9457, 0.2284,

0.2785

0.1099

340.5963, 0.3023,
0.2812

0.0000, 0.1915,
0.0000

0.0000, 0.0000,
0.0000

54.1180, 0.2922,
0.2459

54.1180, 0.2922,
0.2459

43.4880, 0.2834,
0.2172

66.7248, 0.2999,
0.2742

34.7210, 0.2737,
0.1891

81.4003, 0.3066,
0.3013

27.7019, 0.2633,
0.1629

98.2389, 0.3122,
0.3266

22.2994, 0.2526,
0.1400

99.9994, 0.3127,
0.3290

■ 18.3632, 0.2419,
0.1215

■ 15.7131, 0.2317,
0.1082

■ 14.1720, 0.2231,
0.1002

Harmonies

Analogous

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



54.1180, 0.2419, 0.2350



54.1180, 0.2922, 0.2459



54.1180, 0.3535, 0.2743

Triad

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



54.1180, 0.2922, 0.2459



54.1180, 0.4212, 0.4051



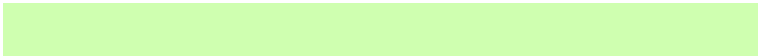
54.1180, 0.2251, 0.3333

Complementary

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



54.1180, 0.2922, 0.2459



87.9201, 0.3276, 0.4154

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.



54.1180, 0.2671, 0.3943



54.1180, 0.2922, 0.2459



54.1180, 0.3806, 0.4347

Square

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



54.1180, 0.2922, 0.2459



54.1180, 0.4322, 0.3612



54.1180, 0.3239, 0.4337



54.1180, 0.2063, 0.2785

Rectangle

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



54.1180, 0.2922, 0.2459



54.1180, 0.3914, 0.3005



54.1180, 0.3239, 0.4337



54.1180, 0.2367, 0.3542

Sweetspot

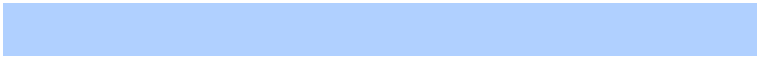
The Sweet Spot groups the original color and five complimentary colors.



54.1203, 0.2922, 0.2459



84.5517, 0.3078, 0.3064



61.3722, 0.2618, 0.2750



17.5989, 0.3069, 0.3026



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.



54.1203, 0.2922, 0.2459



47.4841, 0.2870, 0.2286



59.0373, 0.3224, 0.2587



17.9235, 0.3075, 0.3051



7.4947, 0.2246, 0.1011



0.7930, 0.2353, 0.1070

Inverse Universe

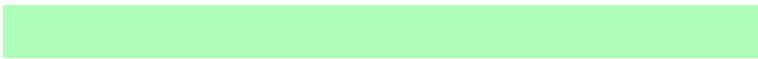
The Inverse Universe completely reimagines the original color for something new.



56.8229, 0.3556, 0.2970



50.6913, 0.3674, 0.2906



84.2035, 0.3043, 0.4112



18.1052, 0.3232, 0.3197



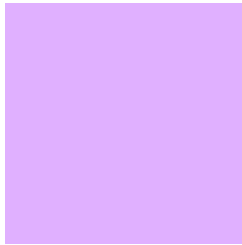
11.6184, 0.5414, 0.2756



1.1520, 0.5110, 0.2588

Previews

White Background



This preview shows how the Yxy color 54.1180, 0.2922, 0.2459 looks on a white background.

Color Contrast Check

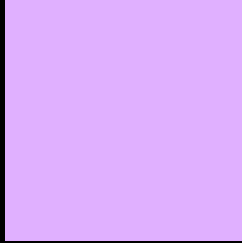
Large Text (above 18pt) WCAG AA × Fail

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 54.1180, 0.2922, 0.2459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

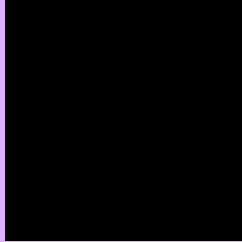
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1180, 0.2922, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 54.1180, 0.2922, 0.2459.

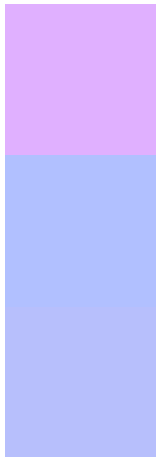


This preview shows how white text looks on a background with the Yxy color 54.1180, 0.2922, 0.2459.

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

54.1180, 0.2922, 0.2459

Protanopia

54.2664, 0.2602, 0.2566

Deuteranopia

54.3572, 0.2657, 0.2592



Tritanopia

54.3566, 0.3259, 0.3128

Trichromacy



Original Color

54.1180, 0.2922, 0.2459



Protanomaly

53.8071, 0.2709, 0.2519



Deuteranomaly

54.2154, 0.2749, 0.2544

Tritanomaly

54.1475, 0.3131, 0.2864

Monochromacy



Original Color

54.1180, 0.2922, 0.2459



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7860, 0.3055, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1180, 0.2922, 0.2459 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, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 176, 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, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 54.1180, 0.2922, 0.2459 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, 176, 255) }
```

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

```
.border{ border-color:rgb(224, 176, 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, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1180, 0.2922, 0.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 176, 255) }
```

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

```
.background{ background-color: rgb(224,  
176, 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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