

Converting Colors

Yxy(51.3565, 0.2786, 0.2425)

Have a look what the booklet for
Yxy(51.3565, 0.2786, 0.2425)
contains.

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Color

Yxy(51.3925, 0.2787, 0.2426)

Conversions

Conversions Part 1

Format	Color
Hex	CEB0FF
RGB	206, 176, 255
RGB Percent	81%, 69%, 100%
CMY	0.1919, 0.3099, 0.0000
CMYK	0.19, 0.31, 0.00, 0.00
HSL	263°, 100%, 85%
HSV	263°, 31%, 100%
XYZ	59.0399, 51.3925, 101.4080
YIQ	193.9760, -7.4790, 30.9290

Conversions

Conversions Part 2

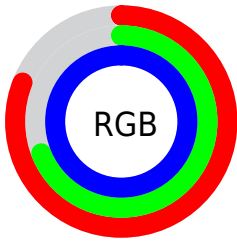
Format	Color
R _Y B	206, 176, 255
Decimal	13545727
CIE Lab	76.92, 26.12, -35.11
CIE LCh	77, 43.762, 306.641
Yxy	51.3925, 0.2787, 0.2426
Android (android.graphics.Color)	4291735807 (0xFFCEB0FF)
YUV	193.9760, 30.0848, 10.5450
Hunter-Lab	71.6886, 21.5507, -33.6875

Details

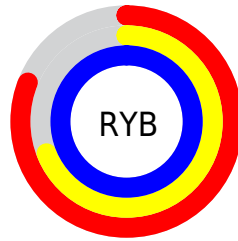
The Yxy color **51.3925, 0.2787, 0.2426** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **90.6426, 0.3393, 0.4122**, and the grayscale version is **53.7604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **24.8224, 0.2694, 0.2226** is the 20% darker color. If you saturate the color by 10%, you get **40.1692, 0.2646, 0.2112**, and if you desaturate by 10%, it is **64.7250, 0.2913, 0.2728**.

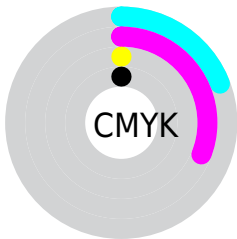
Distribution



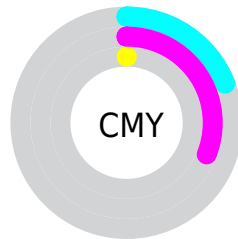
- Red (81%)
- Green (69%)
- Blue (100%)



- Red (81%)
- Yellow (69%)
- Blue (100%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3925, 0.2787, 0.2426 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 51.3925, 0.2787, 0.2426 by changing the saturation by 10% instead.


 51.3925, 0.2787,
0.2426

 51.3925, 0.2787,
0.2426


392.0868, 0.2959,
0.2823

 36.5211, 0.2745,
0.2337


 92.2347, 0.2849,
0.2562

 24.8369, 0.2691,
0.2228


118.9742, 0.2872,
0.2616

 15.9556, 0.2621,
0.2093


150.4386, 0.2892,
0.2662

 9.4927, 0.2527,
0.1920

187.0122, 0.2909,
0.2702

 5.0639, 0.2393,
0.1694

229.0795, 0.2924,
0.2738

 2.2848, 0.2193,
0.1390

277.0247, 0.2937,

 0.7657, 0.1874,

0.2769

0.0969

331.2324, 0.2948,
0.2798

0.0000, 0.1085,
0.0000

0.0000, 0.0000,
0.0000

51.3925, 0.2787,
0.2426

51.3925, 0.2787,
0.2426

40.1692, 0.2646,
0.2112

64.7250, 0.2913,
0.2728

30.9368, 0.2494,
0.1797

80.2639, 0.3023,
0.3009

23.5745, 0.2335,
0.1496

98.1081, 0.3119,
0.3266

17.9456, 0.2176,
0.1228

99.9995, 0.3127,
0.3290

■ 13.8934, 0.2027,
0.1010

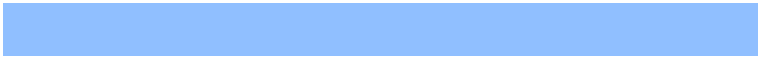
■ 11.2315, 0.1895,
0.0853

■ 9.7649, 0.1795,
0.0763

Harmonies

Analogous

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



51.3925, 0.2336, 0.2367



51.3925, 0.2787, 0.2426



51.3925, 0.3378, 0.2668

Triad

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



51.3925, 0.2787, 0.2426



51.3925, 0.4254, 0.3941



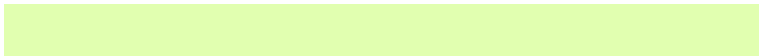
51.3925, 0.2347, 0.3486

Complementary

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



51.3925, 0.2787, 0.2426



90.6426, 0.3393, 0.4122

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.



51.3925, 0.2809, 0.4058



51.3925, 0.2787, 0.2426



51.3925, 0.3916, 0.4281

Square

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



51.3925, 0.2787, 0.2426



51.3925, 0.4274, 0.3495



51.3925, 0.3383, 0.4358



51.3925, 0.2101, 0.2912

Rectangle

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



51.3925, 0.2787, 0.2426



51.3925, 0.3771, 0.2908



51.3925, 0.3383, 0.4358



51.3925, 0.2481, 0.3691

Sweetspot

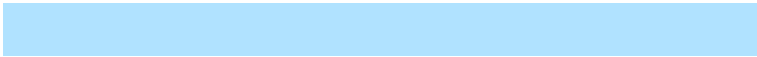
The Sweet Spot groups the original color and five complimentary colors.



51.3946, 0.2787, 0.2426



83.6247, 0.3044, 0.3062



70.8526, 0.2643, 0.2965



17.3707, 0.3029, 0.3023



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.



51.3946, 0.2787, 0.2426



44.3997, 0.2704, 0.2238



57.5790, 0.3081, 0.2497



17.7147, 0.3038, 0.3048



5.1816, 0.1812, 0.0772



0.5648, 0.1937, 0.0841

Inverse Universe

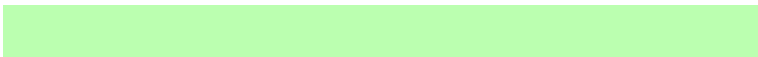
The Inverse Universe completely reimagines the original color for something new.



57.7345, 0.3403, 0.2793



51.7464, 0.3475, 0.2695



85.1529, 0.3147, 0.4190



18.1763, 0.3197, 0.3144



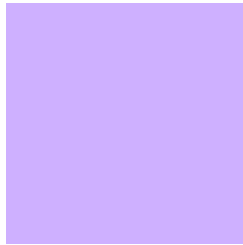
12.4274, 0.4465, 0.2234



1.2313, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 51.3925, 0.2787, 0.2426 looks on a white background.

Color Contrast Check

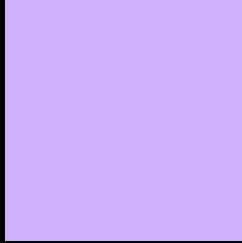
Large Text (above 18pt) WCAG AA × Fail

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 51.3925, 0.2787, 0.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

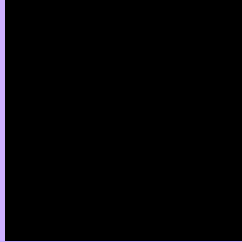
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3925, 0.2787, 0.2426

Background



This preview shows how black text looks on a background with the Yxy color 51.3925, 0.2787, 0.2426.



This preview shows how white text looks on a background with the Yxy color 51.3925, 0.2787, 0.2426.

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

51.3925, 0.2787, 0.2426

Protanopia

51.7325, 0.2552, 0.2509

Deuteranopia

51.6312, 0.2587, 0.2522



Tritanopia

51.2052, 0.3103, 0.3107

Trichromacy



Original Color

51.3925, 0.2787, 0.2426

Protanomaly

51.5683, 0.2631, 0.2480

Deuteranomaly

51.4618, 0.2656, 0.2482

Tritanomaly

50.9557, 0.2978, 0.2831

Monochromacy



Original Color

51.3925, 0.2787, 0.2426

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.5043, 0.2999, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3925, 0.2787, 0.2426 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(206, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.3925, 0.2787, 0.2426 is called "border". The border property can be set on classes, ids or directly on the HTML element.

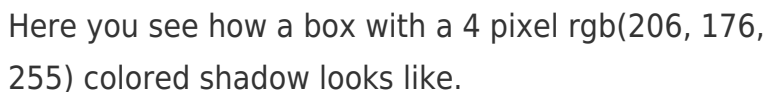
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 176, 255) }
```

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

```
.border{ border-color:rgb(206, 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(206, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 176,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3925, 0.2787, 0.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 255) }
```

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

```
.background{ background-color: rgb(206,  
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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