

Converting Colors

$Y_{xy}(53.5067, 0.2735, 0.2502)$

Have a look what the booklet for
Yxy(53.5067, 0.2735, 0.2502)
contains.

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Color

Yxy(53.5067, 0.2735, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	C6B8FF
RGB	198, 184, 255
RGB Percent	78%, 72%, 100%
CMY	0.2233, 0.2785, 0.0000
CMYK	0.22, 0.28, 0.00, 0.00
HSL	252°, 100%, 86%
HSV	252°, 28%, 100%
XYZ	58.4895, 53.5067, 101.8595
YIQ	196.2800, -14.4470, 25.0490

Conversions

Conversions Part 2

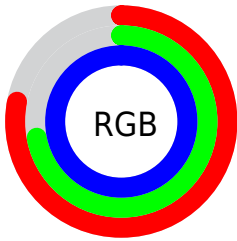
Format	Color
RYB	198, 184, 255
Decimal	13023487
CIELab	78.17, 19.37, -33.24
CIELCh	78, 38.468, 300.232
Yxy	53.5067, 0.2735, 0.2502
Android (android.graphics.Color)	4291213567 (0xFFC6B8FF)
YUV	196.2800, 28.9490, 1.5084
Hunter-Lab	73.1483, 14.7196, -31.3579

Details

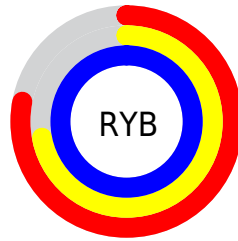
The Yxy color **53.5067, 0.2735, 0.2502** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.6697, 0.3455, 0.4012**, and the grayscale version is **55.2122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **26.1495, 0.2630, 0.2320** is the 20% darker color. If you saturate the color by 10%, you get **41.2581, 0.2561, 0.2173**, and if you desaturate by 10%, it is **68.0430, 0.2892, 0.2810**.

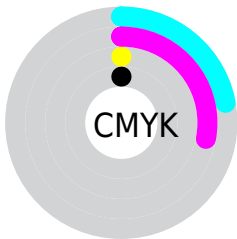
Distribution



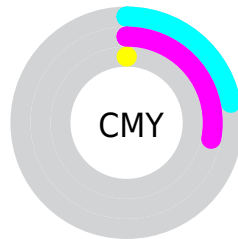
- Red (78%)
- Green (72%)
- Blue (100%)



- Red (78%)
- Yellow (72%)
- Blue (100%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5067, 0.2735, 0.2502 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 53.5067, 0.2735, 0.2502 by changing the saturation by 10% instead.


 53.5067, 0.2735,
0.2502

 53.5067, 0.2735,
0.2502


400.2261, 0.2928,
0.2866

 38.2074, 0.2689,
0.2420


 95.3496, 0.2804,
0.2628

 26.1437, 0.2630,
0.2319


122.6619, 0.2830,
0.2677

 16.9312, 0.2554,
0.2194

154.7474, 0.2853,
0.2719

 10.1854, 0.2453,
0.2032

191.9905, 0.2872,
0.2756

 5.5221, 0.2312,
0.1819

234.7755, 0.2889,
0.2788

 2.5567, 0.2104,
0.1528

283.4868, 0.2903,

 0.9050, 0.1779,

0.2817

0.1123

338.5089, 0.2916,
0.2843

0.0000, 0.0970,
0.0000

0.0000, 0.0000,
0.0000

53.5067, 0.2735,
0.2502

53.5067, 0.2735,
0.2502

41.2581, 0.2561,
0.2173

68.0430, 0.2892,
0.2810

31.1748, 0.2374,
0.1833

84.9714, 0.3031,
0.3091

23.1304, 0.2183,
0.1501

100.0000, 0.3127,
0.3290

16.9829, 0.1998,
0.1199

■ 12.5718, 0.1832,
0.0948

■ 9.7094, 0.1697,
0.0767

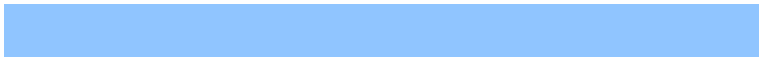
■ 8.1486, 0.1600,
0.0663

■ 7.9109, 0.1584,
0.0646

Harmonies

Analogous

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



53.5067, 0.2372, 0.2492



53.5067, 0.2735, 0.2502



53.5067, 0.3235, 0.2685

Triad

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



53.5067, 0.2735, 0.2502



53.5067, 0.4138, 0.3793



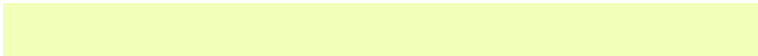
53.5067, 0.2521, 0.3575

Complementary

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



53.5067, 0.2735, 0.2502



93.6697, 0.3455, 0.4012

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.



53.5067, 0.2959, 0.4028



53.5067, 0.2735, 0.2502



53.5067, 0.3902, 0.4110

Square

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



53.5067, 0.2735, 0.2502



53.5067, 0.4084, 0.3393



53.5067, 0.3465, 0.4222



53.5067, 0.2255, 0.3065

Rectangle

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



53.5067, 0.2735, 0.2502



53.5067, 0.3583, 0.2884



53.5067, 0.3465, 0.4222



53.5067, 0.2652, 0.3744

Sweetspot

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



53.5083, 0.2735, 0.2502



84.6960, 0.3029, 0.3087



80.9017, 0.2706, 0.3148



17.5509, 0.3010, 0.3046



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.



53.5083, 0.2735, 0.2502



46.9191, 0.2647, 0.2334



58.7373, 0.2988, 0.2557



17.5509, 0.3010, 0.3046



4.1823, 0.1595, 0.0652



0.4501, 0.1693, 0.0706

Inverse Universe

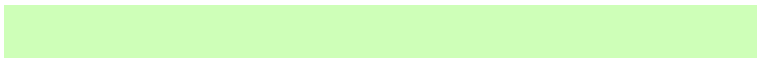
The Inverse Universe completely reimagines the original color for something new.



61.8827, 0.3266, 0.2722



56.5219, 0.3298, 0.2616



88.1700, 0.3228, 0.4066



18.2351, 0.3168, 0.3101



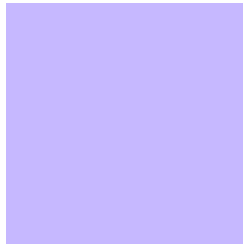
13.4211, 0.3785, 0.1859



1.3217, 0.3707, 0.1816

Previews

White Background



This preview shows how the Yxy color 53.5067, 0.2735, 0.2502 looks on a white background.

Color Contrast Check

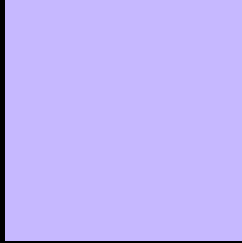
Large Text (above 18pt) WCAG AA × Fail

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 53.5067, 0.2735, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

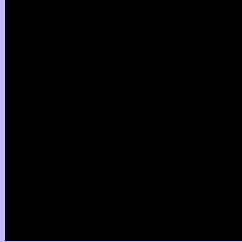
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5067, 0.2735, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 53.5067, 0.2735, 0.2502.

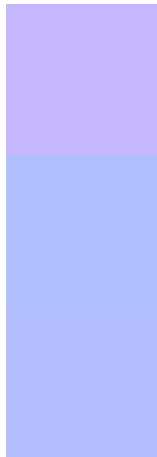


This preview shows how white text looks on a background with the Yxy color 53.5067, 0.2735, 0.2502.

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

53.5067, 0.2735, 0.2502

Protanopia

53.5956, 0.2588, 0.2552

Deuteranopia

53.5664, 0.2618, 0.2555



Tritanopia

53.5128, 0.2986, 0.3107

Trichromacy



Original Color

53.5067, 0.2735, 0.2502

Protanomaly

53.2537, 0.2636, 0.2527

Deuteranomaly

53.5613, 0.2662, 0.2540

Tritanomaly

53.4696, 0.2890, 0.2876

Monochromacy



Original Color

53.5067, 0.2735, 0.2502

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5793, 0.2984, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5067, 0.2735, 0.2502 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(198, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 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(198, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 53.5067, 0.2735, 0.2502 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(198, 184, 255) }
```

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

```
.border{ border-color:rgb(198, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5067, 0.2735, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 255) }
```

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

```
.background{ background-color: rgb(198,  
184, 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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