

Converting Colors

$Y_{xy}(41.5508, 0.2644, 0.2216)$

Have a look what the booklet for
Yxy(41.5508, 0.2644, 0.2216)
contains.

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Color

Yxy(41.3933, 0.2639, 0.2207)

Conversions

Conversions Part 1

Format	Color
Hex	B99DFB
RGB	185, 157, 251
RGB Percent	73%, 62%, 98%
CMY	0.2742, 0.3844, 0.0156
CMYK	0.26, 0.37, 0.00, 0.02
HSL	258°, 92%, 80%
HSV	258°, 37%, 98%
XYZ	49.4957, 41.3933, 96.6656
YIQ	176.0880, -13.4860, 35.1700

Conversions

Conversions Part 2

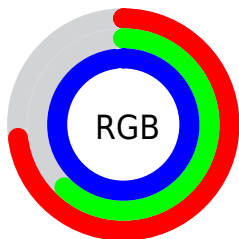
Format	Color
RYB	185, 157, 251
Decimal	12164603
CIELab	70.45, 29.63, -43.17
CIElCh	70, 52.361, 304.468
Yxy	41.3933, 0.2639, 0.2207
Android (android.graphics.Color)	4290354683 (0xFFB99DFB)
YUV	176.0880, 36.9316, 7.8158
Hunter-Lab	64.3376, 24.7312, -44.0454

Details

The Yxy color **41.3933, 0.2639, 0.2207** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **87.1135, 0.3496, 0.4290**, and the grayscale version is **43.2787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3617, 0.3062, 0.2860**, and **18.7440, 0.2496, 0.1950** is the 20% darker color. If you saturate the color by 10%, you get **31.7019, 0.2473, 0.1880**, and if you desaturate by 10%, it is **53.1035, 0.2792, 0.2526**.

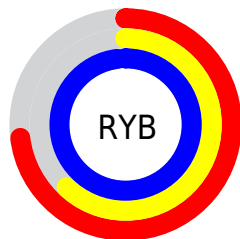
Distribution



Red (73%)

Green (62%)

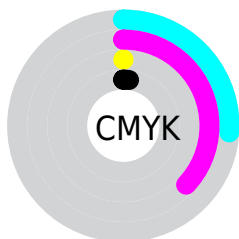
Blue (98%)



Red (73%)

Yellow (62%)

Blue (98%)

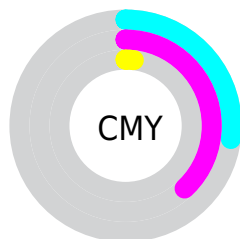


Cyan (26%)

Magenta (37%)

Yellow (0%)

Black (2%)



Cyan (27%)


Magenta (38%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3933, 0.2639, 0.2207 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 41.3933, 0.2639, 0.2207 by changing the saturation by 10% instead.


 41.3933, 0.2639,
0.2207


 41.3933, 0.2639,
0.2207


351.9617, 0.2891,
0.2712

 28.6265, 0.2576,
0.2093


 77.2806, 0.2731,
0.2382

 18.7985, 0.2495,
0.1954


 101.1699, 0.2766,
0.2450

 11.5248, 0.2389,
0.1780


129.5355, 0.2795,
0.2509

 6.4210, 0.2244,
0.1561

162.7618, 0.2820,
0.2560

 3.1027, 0.2040,
0.1278

201.2331, 0.2841,
0.2605

 1.1856, 0.1739,
0.0915

245.3340, 0.2860,

 0.0499, 0.1329,

0.2645

0.0086

295.4487, 0.2876,
0.2680

■ 0.0000, 0.0000,
0.0000

■ 41.3933, 0.2639,
0.2207

■ 41.3933, 0.2639,
0.2207

■ 31.7019, 0.2473,
0.1880

■ 53.1035, 0.2792,
0.2526

■ 23.9068, 0.2299,
0.1561

■ 66.9353, 0.2929,
0.2826

■ 17.8799, 0.2125,
0.1268

■ 82.9904, 0.3049,
0.3102

■ 13.4742, 0.1963,
0.1022

■ 99.7465, 0.3150,
0.3328

■ 10.5178, 0.1822,
0.0838

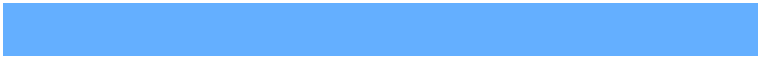
■ 8.7888, 0.1709,
0.0724

■ 8.4647, 0.1685,
0.0702

Harmonies

Analogous

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



41.3933, 0.2106, 0.2145



41.3933, 0.2639, 0.2207



41.3933, 0.3381, 0.2486

Triad

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



41.3933, 0.2639, 0.2207



41.3933, 0.4570, 0.4031



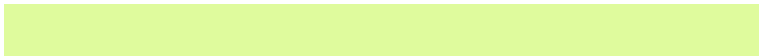
41.3933, 0.2170, 0.3591

Complementary

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



41.3933, 0.2639, 0.2207



87.1135, 0.3496, 0.4290

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.



41.3933, 0.2754, 0.4351



41.3933, 0.2639, 0.2207



41.3933, 0.4145, 0.4508

Square

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



41.3933, 0.2639, 0.2207



41.3933, 0.4584, 0.3472



41.3933, 0.3478, 0.4691



41.3933, 0.1859, 0.2831

Rectangle

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



41.3933, 0.2639, 0.2207



41.3933, 0.3898, 0.2769



41.3933, 0.3478, 0.4691



41.3933, 0.2338, 0.3866

Sweetspot

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



41.3949, 0.2639, 0.2207



79.8505, 0.3008, 0.3007



67.6435, 0.2558, 0.2980



16.6028, 0.2992, 0.2970



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.



41.3949, 0.2639, 0.2207



35.1127, 0.2514, 0.1960



47.9990, 0.3002, 0.2312



16.8945, 0.3026, 0.3048



4.5141, 0.1699, 0.0710



0.4706, 0.1823, 0.0778

Inverse Universe

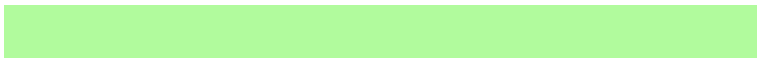
The Inverse Universe completely reimagines the original color for something new.



49.9385, 0.3410, 0.2614



45.2932, 0.3488, 0.2481



80.8294, 0.3195, 0.4393



17.4309, 0.3184, 0.3125



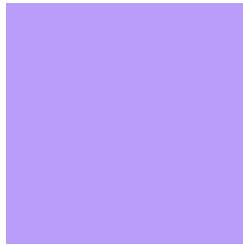
12.4540, 0.4144, 0.2056



1.1721, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 41.3933, 0.2639, 0.2207 looks on a white background.

Color Contrast Check

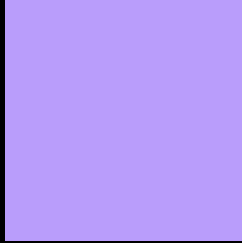
Large Text (above 18pt) WCAG AA × Fail

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 41.3933, 0.2639, 0.2207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

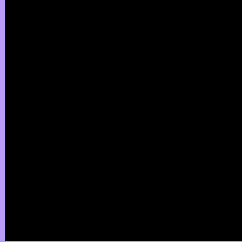
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3933, 0.2639, 0.2207

Background



This preview shows how black text looks on a background with the Yxy color 41.3933, 0.2639, 0.2207.



This preview shows how white text looks on a background with the Yxy color 41.3933, 0.2639, 0.2207.

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

41.3933, 0.2639, 0.2207

Protanopia

41.8091, 0.2353, 0.2249

Deuteranopia

41.7428, 0.2391, 0.2330



Tritanopia

41.3572, 0.3029, 0.3114

Trichromacy



Original Color

41.3933, 0.2639, 0.2207

Protanomaly

41.3351, 0.2442, 0.2221

Deuteranomaly

41.3811, 0.2471, 0.2280

Tritanomaly

41.1736, 0.2883, 0.2751

Monochromacy



Original Color

41.3933, 0.2639, 0.2207

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.2714, 0.2939, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3933, 0.2639, 0.2207 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(185, 157, 251)` looks like.

```
.text, #text, p{  
    color:rgb(185, 157, 251)  
}
```

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(185, 157, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 157, 251) }
```

Border

The CSS property to change the border of an element to Yxy 41.3933, 0.2639, 0.2207 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(185, 157, 251) }
```

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

```
.border{ border-color:rgb(185, 157, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 157, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 157, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 157, 251);  
box-shadow:4px 4px 4px 4px rgb(185, 157,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3933, 0.2639, 0.2207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 157, 251) }
```

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

```
.background{ background-color: rgb(185,  
157, 251) }
```

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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