

Converting Colors

$Yxy(43.9073, 0.2735, 0.2341)$

Have a look what the booklet for
Yxy(43.9073, 0.2735, 0.2341)
contains.

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Color

Yxy(43.9934, 0.2737, 0.2347)

Conversions

Conversions Part 1

Format	Color
Hex	C0A3F5
RGB	192, 163, 245
RGB Percent	75%, 64%, 96%
CMY	0.2472, 0.3607, 0.0393
CMYK	0.22, 0.33, 0.00, 0.04
HSL	261°, 80%, 80%
HSV	261°, 33%, 96%
XYZ	51.3038, 43.9934, 92.1481
YIQ	181.0190, -9.0380, 31.6500

Conversions

Conversions Part 2

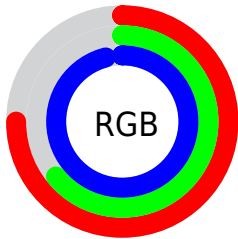
Format	Color
RYB	192, 163, 245
Decimal	12624885
CIELab	72.22, 26.83, -37.07
CIELCh	72, 45.759, 305.896
Yxy	43.9934, 0.2737, 0.2347
Android (android.graphics.Color)	4290814965 (0xFFC0A3F5)
YUV	181.0190, 31.5426, 9.6303
Hunter-Lab	66.3275, 21.9950, -35.9417

Details

The Yxy color $43.9934, 0.2737, 0.2347$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $82.5366, 0.3428, 0.4186$, and the grayscale version is $46.0480, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.5025, 0.3102, 0.2925$, and $20.3181, 0.2624, 0.2126$ is the 20% darker color. If you saturate the color by 10%, you get $34.1625, 0.2587, 0.2029$, and if you desaturate by 10%, it is $55.7354, 0.2872, 0.2654$.

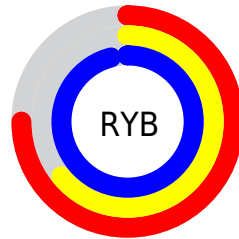
Distribution



Red (75%)

Green (64%)

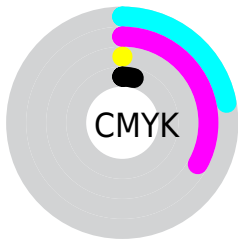
Blue (96%)



Red (75%)

Yellow (64%)

Blue (96%)

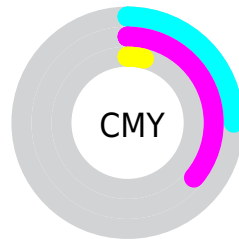


Cyan (22%)

Magenta (33%)

Yellow (0%)

Black (4%)



Cyan (25%)


Magenta (36%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9934, 0.2737, 0.2347 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 43.9934, 0.2737, 0.2347 by changing the saturation by 10% instead.


 43.9934, 0.2737,
0.2347


 43.9934, 0.2737,
0.2347


362.6813, 0.2938,
0.2789

 30.6653, 0.2686,
0.2246


 81.2078, 0.2811,
0.2500

 20.3441, 0.2621,
0.2122


 105.8629, 0.2838,
0.2560

 12.6454, 0.2535,
0.1967


135.0625, 0.2861,
0.2612

 7.1849, 0.2418,
0.1767

169.1910, 0.2881,
0.2656

 3.5780, 0.2248,
0.1504

208.6327, 0.2898,
0.2695

 1.4404, 0.1991,
0.1152

253.7721, 0.2913,


 0.2462, 0.1615,


0.2730


0.0447

304.9935, 0.2926,
0.2761

 0.0000, 0.0000,
0.0000

 43.9934, 0.2737,
0.2347


 43.9934, 0.2737,
0.2347


 34.1625, 0.2587,
0.2029

 55.7354, 0.2872,
0.2654


 26.1328, 0.2427,
0.1712


 69.4799, 0.2992,
0.2942

 19.7910, 0.2262,
0.1414

 85.3183, 0.3095,
0.3205

 15.0084, 0.2101,
0.1153

 99.3707, 0.3185,
0.3386

 11.6365, 0.1953,
0.0946

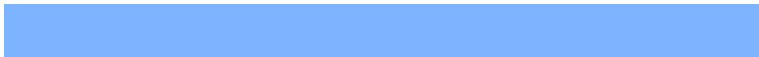
■ 9.4963, 0.1827,
0.0804

■ 8.5919, 0.1757,
0.0741

Harmonies

Analogous

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



43.9934, 0.2255, 0.2286



43.9934, 0.2737, 0.2347



43.9934, 0.3383, 0.2604

Triad

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



43.9934, 0.2737, 0.2347



43.9934, 0.4367, 0.3979



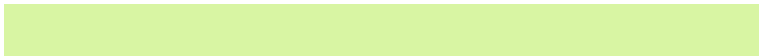
43.9934, 0.2282, 0.3519

Complementary

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



43.9934, 0.2737, 0.2347



82.5366, 0.3428, 0.4186

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.



43.9934, 0.2787, 0.4158



43.9934, 0.2737, 0.2347



43.9934, 0.3998, 0.4366

Square

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



43.9934, 0.2737, 0.2347



43.9934, 0.4386, 0.3491



43.9934, 0.3416, 0.4476



43.9934, 0.2013, 0.2881

Rectangle

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



43.9934, 0.2737, 0.2347



43.9934, 0.3820, 0.2860



43.9934, 0.3416, 0.4476



43.9934, 0.2428, 0.3749

Sweetspot

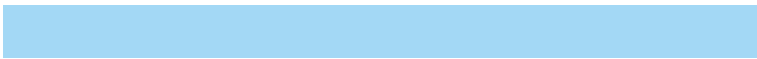
The Sweet Spot groups the original color and five complimentary colors.



43.9952, 0.2737, 0.2347



81.7999, 0.3029, 0.3035



63.6401, 0.2608, 0.2953



17.0016, 0.3014, 0.2997



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.



43.9952, 0.2737, 0.2347



40.8223, 0.2639, 0.2136



50.0641, 0.3064, 0.2432



16.2112, 0.3034, 0.3049



4.6999, 0.1772, 0.0750



0.4684, 0.1909, 0.0825

Inverse Universe

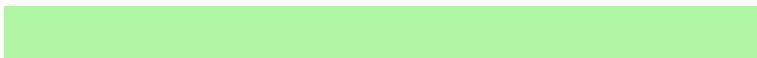
The Inverse Universe completely reimagines the original color for something new.



50.5709, 0.3411, 0.2731



49.1565, 0.3487, 0.2620



77.0821, 0.3156, 0.4267



16.6631, 0.3192, 0.3138



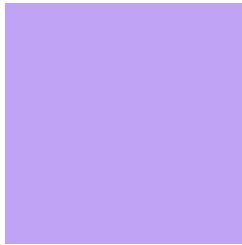
11.8246, 0.4352, 0.2171



1.0587, 0.4171, 0.2071

Previews

White Background



This preview shows how the Yxy color 43.9934, 0.2737, 0.2347 looks on a white background.

Color Contrast Check

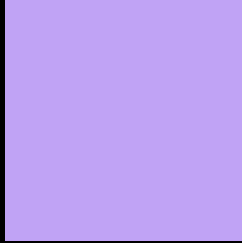
Large Text (above 18pt) WCAG AA × Fail

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 43.9934, 0.2737, 0.2347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

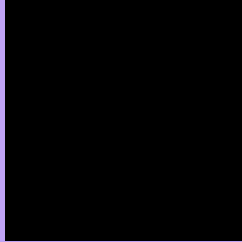
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9934, 0.2737, 0.2347

Background



This preview shows how black text looks on a background with the Yxy color 43.9934, 0.2737, 0.2347.



This preview shows how white text looks on a background with the Yxy color 43.9934, 0.2737, 0.2347.

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

43.9934, 0.2737, 0.2347

Protanopia

44.1033, 0.2421, 0.2322

Deuteranopia

44.2991, 0.2514, 0.2452



Tritanopia

43.8480, 0.3083, 0.3108

Trichromacy



Original Color

43.9934, 0.2737, 0.2347

Protanomaly

43.9300, 0.2527, 0.2326

Deuteranomaly

44.2035, 0.2590, 0.2412

Tritanomaly

43.7920, 0.2952, 0.2802

Monochromacy



Original Color

43.9934, 0.2737, 0.2347

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.9460, 0.2983, 0.2912

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9934, 0.2737, 0.2347 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(192, 163, 245)` looks like.

```
.text, #text, p{  
    color:rgb(192, 163, 245)  
}
```

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(192, 163, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 163, 245) }
```

Border

The CSS property to change the border of an element to Yxy 43.9934, 0.2737, 0.2347 is called "border". The border property can be set on classes, ids or directly on the HTML element.

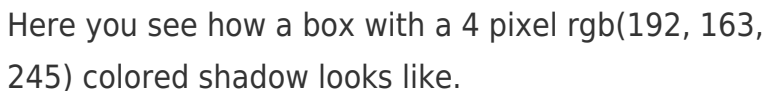
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 163, 245) }
```

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

```
.border{ border-color:rgb(192, 163, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 163, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 163, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 163, 245);  
box-shadow:4px 4px 4px 4px rgb(192, 163,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9934, 0.2737, 0.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 163, 245) }
```

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

```
.background{ background-color: rgb(192,  
163, 245) }
```

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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