

Converting Colors

Yxy(50.2024, 0.2632, 0.2498)

Have a look what the booklet for
Yxy(50.2024, 0.2632, 0.2498)
contains.

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Color

Yxy(50.1242, 0.2632, 0.2491)

Conversions

Conversions Part 1

Format	Color
Hex	B4B6FB
RGB	180, 182, 251
RGB Percent	71%, 71%, 98%
CMY	0.2941, 0.2863, 0.0158
CMYK	0.28, 0.27, 0.00, 0.02
HSL	238°, 90%, 85%
HSV	238°, 28%, 98%
XYZ	52.9614, 50.1242, 98.1356
YIQ	189.2680, -23.3410, 21.0350

Conversions

Conversions Part 2

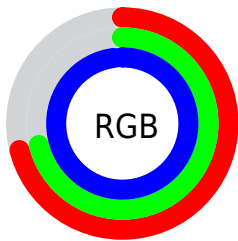
Format	Color
R_{YB}	180, 182, 251
Decimal	11843323
CIE _{Lab}	76.15, 14.27, -34.32
CIE _{LCh}	76, 37.166, 292.571
Yxy	50.1242, 0.2632, 0.2491
Android (android.graphics.Color)	4290033403 (0xFFB4B6FB)
YUV	189.2680, 30.4339, -8.1280
Hunter-Lab	70.7984, 9.6313, -32.6245

Details

The Yxy color **50.1242, 0.2632, 0.2491** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.5443, 0.3561, 0.3981**, and the grayscale version is **50.8842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3736, 0.3018, 0.3120**, and **23.9555, 0.2497, 0.2297** is the 20% darker color. If you saturate the color by 10%, you get **38.2455, 0.2424, 0.2152**, and if you desaturate by 10%, it is **64.2922, 0.2825, 0.2804**.

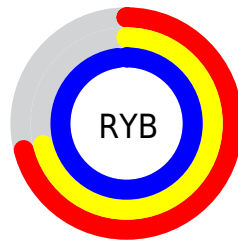
Distribution



Red (71%)

Green (71%)

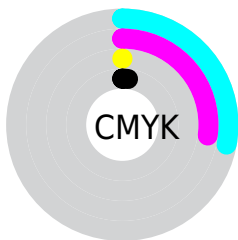
Blue (98%)



Red (71%)

Yellow (71%)

Blue (98%)

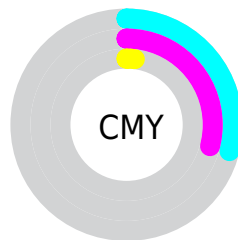


Cyan (28%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (29%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1242, 0.2632, 0.2491 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 50.1242, 0.2632, 0.2491 by changing the saturation by 10% instead.

■ 50.1242, 0.2632,
0.2491

■ 50.1242, 0.2632,
0.2491

387.1514, 0.2875,
0.2866

■ 35.5121, 0.2574,
0.2405

■ 90.3589, 0.2719,
0.2621

■ 24.0576, 0.2500,
0.2299

116.7502, 0.2752,
0.2672

■ 15.3764, 0.2406,
0.2166

147.8368, 0.2780,
0.2716

■ 9.0840, 0.2279,
0.1994

184.0029, 0.2804,
0.2754

■ 4.7960, 0.2104,
0.1765

225.6331, 0.2825,
0.2787

■ 2.1281, 0.1849,
0.1450

273.1116, 0.2844,

■ 0.6803, 0.1462,

0.2816

0.0990

326.8229, 0.2860,
0.2842

0.0000, 0.0000,
0.0000

50.1242, 0.2632,
0.2491

50.1242, 0.2632,
0.2491

38.2455, 0.2424,
0.2152

64.2922, 0.2825,
0.2804

28.5305, 0.2209,
0.1801

80.8546, 0.2999,
0.3084

20.8507, 0.2000,
0.1455

99.7440, 0.3150,
0.3328

15.0614, 0.1812,
0.1142

10.9990, 0.1661,
0.0888

■ 8.4722, 0.1560,
0.0712

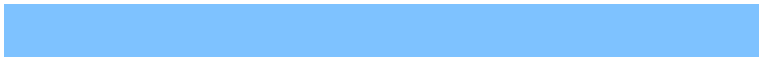
■ 7.2372, 0.1509,
0.0621

■ 7.1173, 0.1503,
0.0612

Harmonies

Analogous

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



50.1242, 0.2319, 0.2530



50.1242, 0.2632, 0.2491



50.1242, 0.3101, 0.2631

Triad

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



50.1242, 0.2632, 0.2491



50.1242, 0.4141, 0.3690



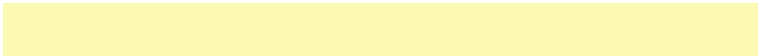
50.1242, 0.2626, 0.3700

Complementary

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



50.1242, 0.2632, 0.2491



91.5443, 0.3561, 0.3981

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.



50.1242, 0.3088, 0.4096



50.1242, 0.2632, 0.2491



50.1242, 0.3975, 0.4034

Square

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



50.1242, 0.2632, 0.2491



50.1242, 0.4009, 0.3290



50.1242, 0.3584, 0.4208



50.1242, 0.2313, 0.3191

Rectangle

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



50.1242, 0.2632, 0.2491



50.1242, 0.3448, 0.2807



50.1242, 0.3584, 0.4208



50.1242, 0.2768, 0.3856

Sweetspot

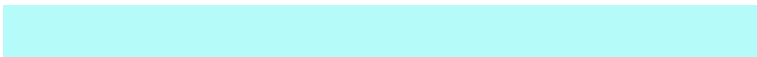
The Sweet Spot groups the original color and five complimentary colors.



50.1262, 0.2632, 0.2491



84.3306, 0.3003, 0.3091



85.5038, 0.2727, 0.3315



17.4596, 0.2978, 0.3051



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.



50.1262, 0.2632, 0.2491



44.6054, 0.2514, 0.2299



53.7751, 0.2868, 0.2520



16.7212, 0.2979, 0.3052



3.7764, 0.1505, 0.0617



0.3765, 0.1517, 0.0659

Inverse Universe

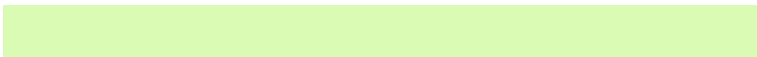
The Inverse Universe completely reimagines the original color for something new.



56.5293, 0.3734, 0.3271



52.3065, 0.3911, 0.3267



87.1635, 0.3330, 0.4054



17.2331, 0.3290, 0.3284



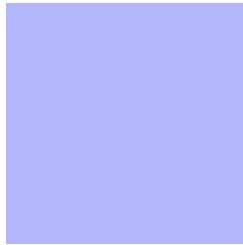
10.7921, 0.6372, 0.3284



1.0022, 0.6301, 0.3245

Previews

White Background



This preview shows how the Yxy color 50.1242, 0.2632, 0.2491 looks on a white background.

Color Contrast Check

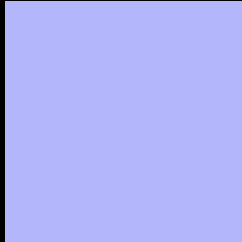
Large Text (above 18pt) WCAG AA × Fail

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 50.1242, 0.2632, 0.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

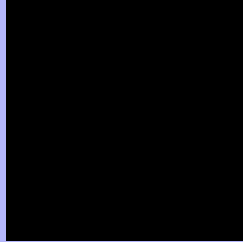
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1242, 0.2632, 0.2491

Background



This preview shows how black text looks on a background with the Yxy color 50.1242, 0.2632, 0.2491.

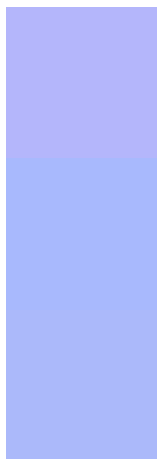


This preview shows how white text looks on a background with the Yxy color 50.1242, 0.2632, 0.2491.

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

50.1242, 0.2632, 0.2491

Protanopia

50.1146, 0.2546, 0.2490

Deuteranopia

50.2580, 0.2582, 0.2524



Tritanopia

50.3758, 0.2864, 0.3098

Trichromacy



Original Color

50.1242, 0.2632, 0.2491

Protanomaly

50.0799, 0.2575, 0.2494

Deuteranomaly

50.1818, 0.2600, 0.2516

Tritanomaly

50.2390, 0.2777, 0.2869

Monochromacy



Original Color

50.1242, 0.2632, 0.2491

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3104, 0.2934, 0.2970

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1242, 0.2632, 0.2491 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(180, 182, 251)` looks like.

```
.text, #text, p{  
    color:rgb(180, 182, 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(180, 182, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 182, 251) }
```

Border

The CSS property to change the border of an element to Yxy 50.1242, 0.2632, 0.2491 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(180, 182, 251) }
```

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

```
.border{ border-color:rgb(180, 182, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 182, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 182, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 182, 251);  
box-shadow:4px 4px 4px 4px rgb(180, 182,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1242, 0.2632, 0.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 182, 251) }
```

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

```
.background{ background-color: rgb(180,  
182, 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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