

Converting Colors

Yxy(50.1738, 0.2730, 0.2475)

Have a look what the booklet for
Yxy(50.1738, 0.2730, 0.2475)
contains.

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Color

Yxy(50.2123, 0.2732, 0.2475)

Conversions

Conversions Part 1

Format	Color
Hex	C2B2FA
RGB	194, 178, 250
RGB Percent	76%, 70%, 98%
CMY	0.2392, 0.3020, 0.0195
CMYK	0.22, 0.29, 0.00, 0.02
HSL	253°, 88%, 84%
HSV	253°, 29%, 98%
XYZ	55.4263, 50.2123, 97.2394
YIQ	190.9920, -13.5760, 25.7840

Conversions

Conversions Part 2

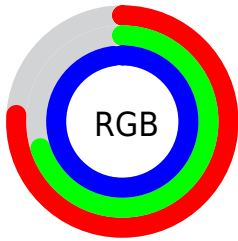
Format	Color
RYB	194, 178, 250
Decimal	12759802
CIELab	76.20, 20.32, -33.64
CIELCh	76, 39.297, 301.135
Yxy	50.2123, 0.2732, 0.2475
Android (android.graphics.Color)	4290949882 (0xFFC2B2FA)
YUV	190.9920, 29.0909, 2.6380
Hunter-Lab	70.8606, 15.6142, -31.7590

Details

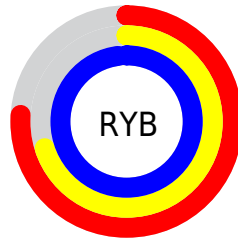
The Yxy color **50.2123, 0.2732, 0.2475** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.1054, 0.3453, 0.4039**, and the grayscale version is **51.9308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.5749, 0.3110, 0.3086**, and **24.0065, 0.2623, 0.2281** is the 20% darker color. If you saturate the color by 10%, you get **38.7473, 0.2561, 0.2147**, and if you desaturate by 10%, it is **63.8315, 0.2886, 0.2783**.

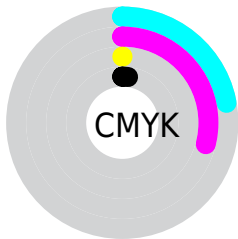
Distribution



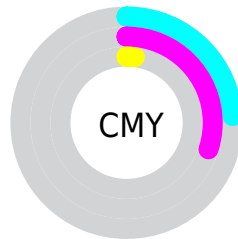
- Red (76%)
- Green (70%)
- Blue (98%)



- Red (76%)
- Yellow (70%)
- Blue (98%)



- Cyan (22%)
- Magenta (29%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (30%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2123, 0.2732, 0.2475 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 50.2123, 0.2732, 0.2475 by changing the saturation by 10% instead.

■ 50.2123, 0.2732,
0.2475

■ 50.2123, 0.2732,
0.2475

387.4956, 0.2929,
0.2854

■ 35.5821, 0.2684,
0.2389

■ 90.4894, 0.2803,
0.2606

■ 24.1116, 0.2623,
0.2283

116.9050, 0.2830,
0.2658

■ 15.4164, 0.2544,
0.2150

148.0179, 0.2853,
0.2702

■ 9.1122, 0.2437,
0.1978

184.2125, 0.2872,
0.2740

■ 4.8144, 0.2287,
0.1751

225.8732, 0.2889,
0.2774

■ 2.1388, 0.2063,
0.1441

273.3843, 0.2904,

■ 0.6863, 0.1712,

0.2804

0.0990

327.1303, 0.2917,
0.2830

0.0000, 0.0414,
0.0000

0.0000, 0.0000,
0.0000

50.2123, 0.2732,
0.2475

50.2123, 0.2732,
0.2475

38.7473, 0.2561,
0.2147

63.8315, 0.2886,
0.2783

29.3188, 0.2378,
0.1811

79.7022, 0.3022,
0.3066

21.8071, 0.2191,
0.1484

97.9231, 0.3140,
0.3319

16.0771, 0.2009,
0.1187

99.6842, 0.3156,
0.3337

■ 11.9759, 0.1846,
0.0943

■ 9.3234, 0.1712,
0.0769

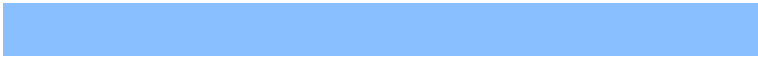
■ 7.8633, 0.1614,
0.0667

■ 7.7310, 0.1605,
0.0658

Harmonies

Analogous

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



50.2123, 0.2350, 0.2458



50.2123, 0.2732, 0.2475



50.2123, 0.3255, 0.2669

Triad

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



50.2123, 0.2732, 0.2475



50.2123, 0.4177, 0.3821



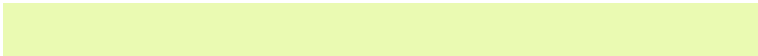
50.2123, 0.2484, 0.3571

Complementary

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



50.2123, 0.2732, 0.2475



89.1054, 0.3453, 0.4039

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.



50.2123, 0.2935, 0.4052



50.2123, 0.2732, 0.2475



50.2123, 0.3922, 0.4150

Square

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



50.2123, 0.2732, 0.2475



50.2123, 0.4132, 0.3407



50.2123, 0.3462, 0.4263



50.2123, 0.2215, 0.3039

Rectangle

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



50.2123, 0.2732, 0.2475



50.2123, 0.3617, 0.2878



50.2123, 0.3462, 0.4263



50.2123, 0.2618, 0.3749

Sweetspot

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



50.2143, 0.2732, 0.2475



82.9909, 0.3020, 0.3060



75.4580, 0.2690, 0.3115



17.2154, 0.3001, 0.3021



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.



50.2143, 0.2732, 0.2475



44.7864, 0.2627, 0.2272



55.5066, 0.3001, 0.2535



16.8288, 0.3014, 0.3047



4.1511, 0.1617, 0.0664



0.4292, 0.1726, 0.0725

Inverse Universe

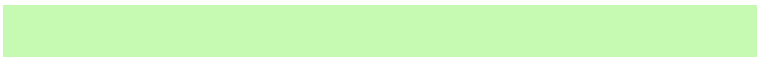
The Inverse Universe completely reimagines the original color for something new.



58.1145, 0.3285, 0.2719



54.4505, 0.3328, 0.2594



83.6678, 0.3215, 0.4099



17.4547, 0.3172, 0.3107



12.8809, 0.3866, 0.1903



1.2087, 0.3771, 0.1851

Previews

White Background



This preview shows how the Yxy color 50.2123, 0.2732, 0.2475 looks on a white background.

Color Contrast Check

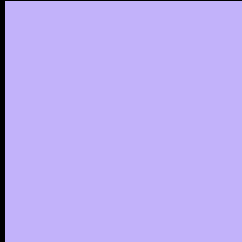
Large Text (above 18pt) WCAG AA × Fail

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 50.2123, 0.2732, 0.2475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

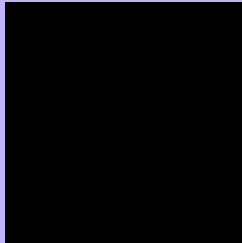
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2123, 0.2732, 0.2475

Background



This preview shows how black text looks on a background with the Yxy color 50.2123, 0.2732, 0.2475.



This preview shows how white text looks on a background with the Yxy color 50.2123, 0.2732, 0.2475.

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

50.2123, 0.2732, 0.2475

Protanopia

50.2428, 0.2535, 0.2470

Deuteranopia

50.4217, 0.2601, 0.2537



Tritanopia

50.1192, 0.2998, 0.3102

Trichromacy



Original Color

50.2123, 0.2732, 0.2475

Protanomaly

49.8949, 0.2600, 0.2467

Deuteranomaly

50.1192, 0.2651, 0.2512

Tritanomaly

50.0868, 0.2899, 0.2866

Monochromacy



Original Color

50.2123, 0.2732, 0.2475

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.0777, 0.2981, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2123, 0.2732, 0.2475 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(194, 178, 250)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 250)  
}
```

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(194, 178, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 250) }
```

Border

The CSS property to change the border of an element to Yxy 50.2123, 0.2732, 0.2475 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(194, 178, 250) }
```

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

```
.border{ border-color:rgb(194, 178, 250) }
```

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

Here you see how a box with a 4 pixel rgb(194, 178, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 250);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2123, 0.2732, 0.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 250) }
```

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

```
.background{ background-color: rgb(194,  
178, 250) }
```

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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