

Converting Colors

Yxy(50.5843, 0.2694, 0.2431)

Have a look what the booklet for
Yxy(50.5843, 0.2694, 0.2431)
contains.

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Color

Yxy(50.3982, 0.2694, 0.2426)

Conversions

Conversions Part 1

Format	Color
Hex	C1B2FF
RGB	193, 178, 255
RGB Percent	76%, 70%, 100%
CMY	0.2430, 0.3020, 0.0000
CMYK	0.24, 0.30, 0.00, 0.00
HSL	252°, 100%, 85%
HSV	252°, 30%, 100%
XYZ	55.9657, 50.3982, 101.3781
YIQ	191.2630, -15.7770, 27.1270

Conversions

Conversions Part 2

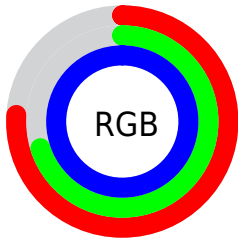
Format	Color
R _Y B	193, 178, 255
Decimal	12694271
CIE Lab	76.31, 21.18, -36.13
CIE LCh	76, 41.884, 300.376
Yxy	50.3982, 0.2694, 0.2426
Android (android.graphics.Color)	4290884351 (0xFFC1B2FF)
YUV	191.2630, 31.4223, 1.5233
Hunter-Lab	70.9917, 16.4835, -34.9736

Details

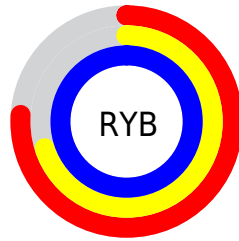
The Yxy color **50.3982, 0.2694, 0.2426** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **93.2481, 0.3483, 0.4074**, and the grayscale version is **52.0846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3896, 0.3104, 0.3085**, and **24.1477, 0.2575, 0.2220** is the 20% darker color. If you saturate the color by 10%, you get **38.6658, 0.2516, 0.2093**, and if you desaturate by 10%, it is **64.3947, 0.2856, 0.2740**.

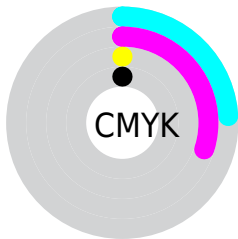
Distribution



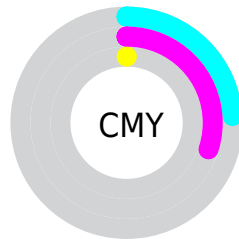
- Red (76%)
- Green (70%)
- Blue (100%)



- Red (76%)
- Yellow (70%)
- Blue (100%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3982, 0.2694, 0.2426 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 50.3982, 0.2694, 0.2426 by changing the saturation by 10% instead.

■ 50.3982, 0.2694,
0.2426

■ 50.3982, 0.2694,
0.2426

388.2211, 0.2909,
0.2826

■ 35.7299, 0.2642,
0.2336

■ 90.7646, 0.2771,
0.2564

■ 24.2257, 0.2576,
0.2225

117.2315, 0.2801,
0.2618

■ 15.5011, 0.2491,
0.2087

148.4000, 0.2825,
0.2665

■ 9.1718, 0.2376,
0.1910

184.6545, 0.2847,
0.2705

■ 4.8534, 0.2217,
0.1677

226.3795, 0.2865,
0.2741

■ 2.1615, 0.1982,
0.1364

273.9594, 0.2882,

■ 0.6989, 0.1621,

0.2773

0.0922

327.7784, 0.2896,
0.2801

0.0000, 0.0478,
0.0000

0.0000, 0.0000,
0.0000

50.3982, 0.2694,
0.2426

50.3982, 0.2694,
0.2426

38.6658, 0.2516,
0.2093

64.3947, 0.2856,
0.2740

29.0716, 0.2327,
0.1753

80.7603, 0.3000,
0.3028

21.4862, 0.2135,
0.1426

99.6008, 0.3125,
0.3285

15.7638, 0.1953,
0.1133

99.9995, 0.3127,
0.3290

■ 11.7383, 0.1794,
0.0897

■ 9.2129, 0.1668,
0.0735

■ 7.8917, 0.1582,
0.0645

Harmonies

Analogous

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



50.3982, 0.2297, 0.2411



50.3982, 0.2694, 0.2426



50.3982, 0.3246, 0.2626

Triad

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



50.3982, 0.2694, 0.2426



50.3982, 0.4246, 0.3837



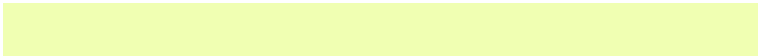
50.3982, 0.2453, 0.3603

Complementary

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



50.3982, 0.2694, 0.2426



93.2481, 0.3483, 0.4074

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.



50.3982, 0.2934, 0.4116



50.3982, 0.2694, 0.2426



50.3982, 0.3978, 0.4194

Square

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



50.3982, 0.2694, 0.2426



50.3982, 0.4192, 0.3398



50.3982, 0.3493, 0.4330



50.3982, 0.2166, 0.3032

Rectangle

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



50.3982, 0.2694, 0.2426



50.3982, 0.3634, 0.2843



50.3982, 0.3493, 0.4330



50.3982, 0.2596, 0.3794

Sweetspot

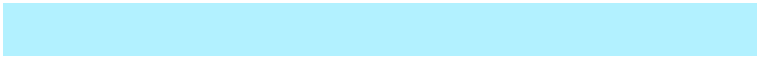
The Sweet Spot groups the original color and five complimentary colors.



50.4002, 0.2694, 0.2426



82.8850, 0.3016, 0.3060



79.5216, 0.2673, 0.3134



17.1895, 0.2996, 0.3020



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.



50.4002, 0.2694, 0.2426



43.3234, 0.2592, 0.2234



55.9836, 0.2973, 0.2492



17.5484, 0.3009, 0.3046



4.1720, 0.1593, 0.0651



0.4487, 0.1690, 0.0705

Inverse Universe

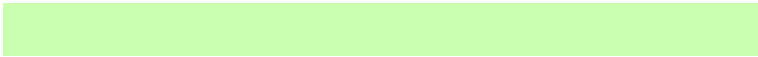
The Inverse Universe completely reimagines the original color for something new.



59.3876, 0.3278, 0.2672



53.6447, 0.3315, 0.2552



87.3386, 0.3235, 0.4140



18.2360, 0.3168, 0.3101



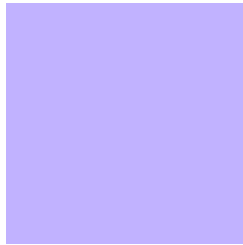
13.4393, 0.3776, 0.1854



1.3234, 0.3699, 0.1811

Previews

White Background



This preview shows how the Yxy color 50.3982, 0.2694, 0.2426 looks on a white background.

Color Contrast Check

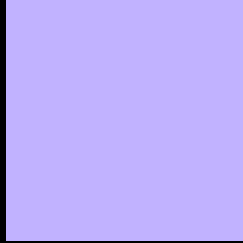
Large Text (above 18pt) WCAG AA × Fail

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 50.3982, 0.2694, 0.2426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

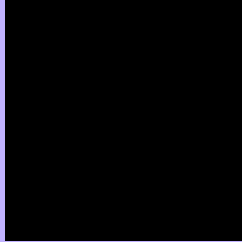
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3982, 0.2694, 0.2426

Background



This preview shows how black text looks on a background with the Yxy color 50.3982, 0.2694, 0.2426.

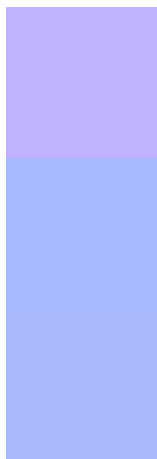


This preview shows how white text looks on a background with the Yxy color 50.3982, 0.2694, 0.2426.

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

50.3982, 0.2694, 0.2426

Protanopia

50.6626, 0.2536, 0.2483

Deuteranopia

50.3358, 0.2558, 0.2493



Tritanopia

50.3455, 0.2975, 0.3102

Trichromacy



Original Color

50.3982, 0.2694, 0.2426

Protanomaly

50.4341, 0.2590, 0.2459

Deuteranomaly

50.0766, 0.2601, 0.2458

Tritanomaly

50.1197, 0.2870, 0.2831

Monochromacy



Original Color

50.3982, 0.2694, 0.2426

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1793, 0.2966, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3982, 0.2694, 0.2426 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(193, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 178, 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(193, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 50.3982, 0.2694, 0.2426 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(193, 178, 255) }
```

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

```
.border{ border-color:rgb(193, 178, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3982, 0.2694, 0.2426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 178, 255) }
```

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

```
.background{ background-color: rgb(193,  
178, 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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