

Converting Colors

$Yxy(50.9702, 0.2723, 0.2446)$

Have a look what the booklet for
Yxy(50.9702, 0.2723, 0.2446)
contains.

| | |
|--|----|
| Yxy(51.1317, 0.2722, 0.2452) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(51.1317, 0.2722, 0.2452)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4B3FE |
| RGB | 196, 179, 254 |
| RGB Percent | 77%, 70%, 100% |
| CMY | 0.2316, 0.2979, 0.0039 |
| CMYK | 0.23, 0.30, 0.00, 0.00 |
| HSL | 254°, 97%, 85% |
| HSV | 254°, 30%, 100% |
| XYZ | 56.7620, 51.1317, 100.6369 |
| YIQ | 192.6330, -13.9430, 26.9290 |

Conversions

Conversions Part 2

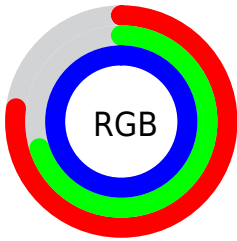
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 196, 179, 254 |
| Decimal | 12891134 |
| CIE Lab | 76.76, 21.24, -34.89 |
| CIE LCh | 77, 40.844, 301.329 |
| Yxy | 51.1317, 0.2722, 0.2452 |
| Android (android.graphics.Color) | 4291081214 (0xFFC4B3FE) |
| YUV | 192.6330, 30.2539, 2.9529 |
| Hunter-Lab | 71.5064, 16.5576, -33.3892 |

Details

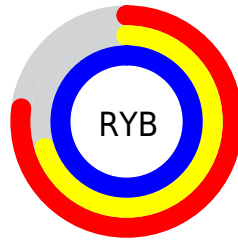
The Yxy color **51.1317, 0.2722, 0.2452** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.1521, 0.3460, 0.4060**, and the grayscale version is **52.9249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7075, 0.3130, 0.3097**, and **24.6156, 0.2612, 0.2254** is the 20% darker color. If you saturate the color by 10%, you get **39.4055, 0.2551, 0.2123**, and if you desaturate by 10%, it is **65.0827, 0.2877, 0.2762**.

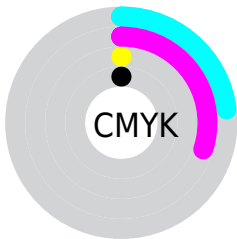
Distribution



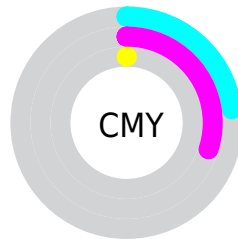
- Red (77%)
- Green (70%)
- Blue (100%)



- Red (77%)
- Yellow (70%)
- Blue (100%)



- Cyan (23%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1317, 0.2722, 0.2452 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 51.1317, 0.2722, 0.2452 by changing the saturation by 10% instead.

 51.1317, 0.2722,
0.2452

 51.1317, 0.2722,
0.2452


391.0753, 0.2923,
0.2840

 36.3134, 0.2673,
0.2364


 91.8494, 0.2794,
0.2586

 24.6764, 0.2611,
0.2257


118.5177, 0.2822,
0.2638

 15.8361, 0.2531,
0.2123


149.9047, 0.2845,
0.2683

 9.4082, 0.2424,
0.1951

186.3949, 0.2865,
0.2723

 5.0084, 0.2273,
0.1724

228.3726, 0.2883,
0.2757

 2.2522, 0.2051,
0.1417

276.2223, 0.2898,

 0.7482, 0.1704,

0.2788

0.0987

330.3284, 0.2911,
0.2815

0.0000, 0.0661,
0.0000

0.0000, 0.0000,
0.0000

51.1317, 0.2722,
0.2452

51.1317, 0.2722,
0.2452

39.4055, 0.2551,
0.2123

65.0827, 0.2877,
0.2762

29.7817, 0.2368,
0.1787

81.3603, 0.3014,
0.3046

22.1350, 0.2181,
0.1461

99.9249, 0.3133,
0.3300

16.3242, 0.2000,
0.1168

99.9353, 0.3133,
0.3300

■ 12.1888, 0.1839,
0.0929

■ 9.5395, 0.1707,
0.0761

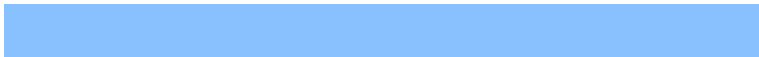
■ 8.0898, 0.1611,
0.0663

■ 8.0347, 0.1607,
0.0659

Harmonies

Analogous

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



51.1317, 0.2328, 0.2432



51.1317, 0.2722, 0.2452



51.1317, 0.3262, 0.2653

Triad

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



51.1317, 0.2722, 0.2452



51.1317, 0.4211, 0.3838



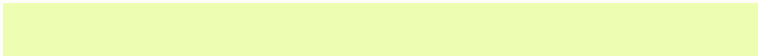
51.1317, 0.2460, 0.3576

Complementary

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



51.1317, 0.2722, 0.2452



92.1521, 0.3460, 0.4060

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.



51.1317, 0.2924, 0.4077



51.1317, 0.2722, 0.2452



51.1317, 0.3943, 0.4178

Square

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



51.1317, 0.2722, 0.2452



51.1317, 0.4167, 0.3411



51.1317, 0.3467, 0.4297



51.1317, 0.2186, 0.3025

Rectangle

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



51.1317, 0.2722, 0.2452



51.1317, 0.3637, 0.2867



51.1317, 0.3467, 0.4297



51.1317, 0.2598, 0.3762

Sweetspot

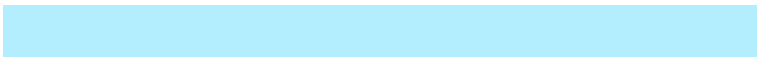
The Sweet Spot groups the original color and five complimentary colors.



51.1337, 0.2722, 0.2452



83.0054, 0.3020, 0.3060



77.7455, 0.2680, 0.3110



17.2189, 0.3002, 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.



51.1337, 0.2722, 0.2452



44.8272, 0.2630, 0.2273



56.6874, 0.2997, 0.2515



17.5754, 0.3014, 0.3047



4.2897, 0.1619, 0.0666



0.4638, 0.1724, 0.0723

Inverse Universe

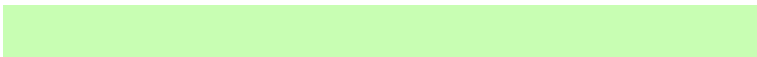
The Inverse Universe completely reimagines the original color for something new.



59.4384, 0.3292, 0.2707



54.4316, 0.3331, 0.2597



86.4508, 0.3217, 0.4122



18.2261, 0.3173, 0.3108



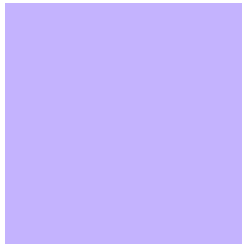
13.2497, 0.3879, 0.1911



1.3065, 0.3787, 0.1860

Previews

White Background



This preview shows how the Yxy color 51.1317, 0.2722, 0.2452 looks on a white background.

Color Contrast Check

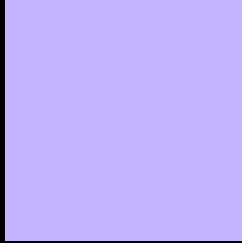
Large Text (above 18pt) WCAG AA × Fail

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 51.1317, 0.2722, 0.2452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

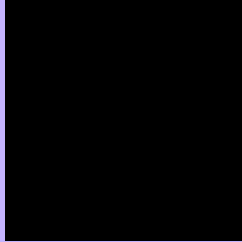
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1317, 0.2722, 0.2452

Background



This preview shows how black text looks on a background with the Yxy color 51.1317, 0.2722, 0.2452.

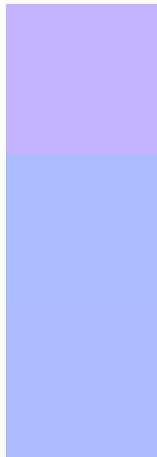


This preview shows how white text looks on a background with the Yxy color 51.1317, 0.2722, 0.2452.

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

51.1317, 0.2722, 0.2452

Protanopia

51.3067, 0.2550, 0.2497

Deuteranopia

51.4532, 0.2586, 0.2531



Tritanopia

51.3196, 0.2999, 0.3104

Trichromacy



Original Color

51.1317, 0.2722, 0.2452

Protanomaly

51.0847, 0.2604, 0.2474

Deuteranomaly

51.1966, 0.2629, 0.2496

Tritanomaly

50.9190, 0.2894, 0.2846

Monochromacy



Original Color

51.1317, 0.2722, 0.2452

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3421, 0.2975, 0.2966

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1317, 0.2722, 0.2452 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(196, 179, 254)` looks like.

```
.text, #text, p{  
    color:rgb(196, 179, 254)  
}
```

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(196, 179, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 179, 254) }
```

Border

The CSS property to change the border of an element to Yxy 51.1317, 0.2722, 0.2452 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(196, 179, 254) }
```

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

```
.border{ border-color:rgb(196, 179, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 179, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 179, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 179, 254);  
box-shadow:4px 4px 4px 4px rgb(196, 179,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1317, 0.2722, 0.2452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 179, 254) }
```

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

```
.background{ background-color: rgb(196,  
179, 254) }
```

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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