

Converting Colors

Yxy(51.7920, 0.2749, 0.2466)

Have a look what the booklet for
Yxy(51.7920, 0.2749, 0.2466)
contains.

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Color

Yxy(51.9404, 0.2745, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	C7B4FE
RGB	199, 180, 254
RGB Percent	78%, 71%, 100%
CMY	0.2195, 0.2941, 0.0039
CMYK	0.22, 0.29, 0.00, 0.00
HSL	255°, 97%, 85%
HSV	255°, 29%, 100%
XYZ	57.7700, 51.9404, 100.7450
YIQ	194.1170, -12.4300, 27.0420

Conversions

Conversions Part 2

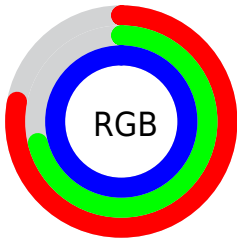
Format	Color
R _Y B	199, 180, 254
Decimal	13087998
CIE Lab	77.25, 21.62, -34.12
CIE LCh	77, 40.392, 302.358
Yxy	51.9404, 0.2745, 0.2468
Android (android.graphics.Color)	4291278078 (0xFFC7B4FE)
YUV	194.1170, 29.5223, 4.2824
Hunter-Lab	72.0697, 16.9611, -32.4317

Details

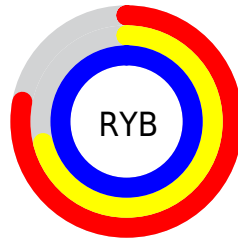
The Yxy color **51.9404, 0.2745, 0.2468** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.8329, 0.3440, 0.4053**, and the grayscale version is **53.8525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **25.1393, 0.2641, 0.2276** is the 20% darker color. If you saturate the color by 10%, you get **40.1871, 0.2581, 0.2143**, and if you desaturate by 10%, it is **65.8967, 0.2893, 0.2775**.

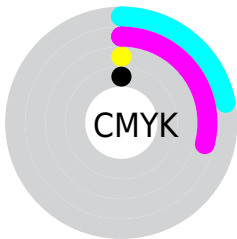
Distribution



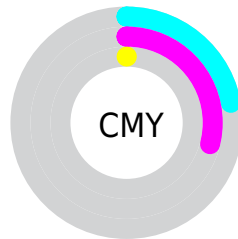
- Red (78%)
- Green (71%)
- Blue (100%)



- Red (78%)
- Yellow (71%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9404, 0.2745, 0.2468 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 51.9404, 0.2745, 0.2468 by changing the saturation by 10% instead.

■ 51.9404, 0.2745,
0.2468

■ 51.9404, 0.2745,
0.2468

394.2065, 0.2935,
0.2848

■ 36.9576, 0.2699,
0.2382

■ 93.0433, 0.2813,
0.2599

■ 25.1746, 0.2641,
0.2278

119.9322, 0.2839,
0.2650

■ 16.2072, 0.2565,
0.2146

151.5586, 0.2861,
0.2694

■ 9.6709, 0.2463,
0.1978

188.3069, 0.2880,
0.2733

■ 5.1813, 0.2320,
0.1757

230.5614, 0.2896,
0.2767

■ 2.3540, 0.2109,
0.1456

278.7066, 0.2911,

■ 0.8021, 0.1777,

0.2797

0.1037

333.1268, 0.2924,
0.2824

0.0000, 0.0864,
0.0000

0.0000, 0.0000,
0.0000

51.9404, 0.2745,
0.2468

51.9404, 0.2745,
0.2468

40.1871, 0.2581,
0.2143

65.8967, 0.2893,
0.2775

30.5162, 0.2404,
0.1810

82.1558, 0.3023,
0.3057

22.8048, 0.2222,
0.1488

99.9357, 0.3133,
0.3300

16.9143, 0.2045,
0.1197

■ 12.6873, 0.1883,
0.0957

■ 9.9384, 0.1747,
0.0785

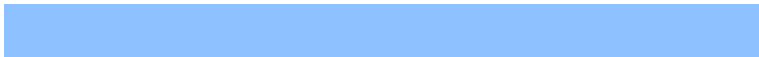
■ 8.3961, 0.1645,
0.0683

■ 8.2917, 0.1638,
0.0676

Harmonies

Analogous

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



51.9404, 0.2350, 0.2442



51.9404, 0.2745, 0.2468



51.9404, 0.3279, 0.2671

Triad

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



51.9404, 0.2745, 0.2468



51.9404, 0.4189, 0.3844



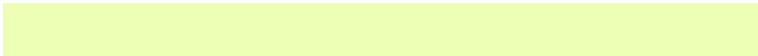
51.9404, 0.2458, 0.3553

Complementary

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



51.9404, 0.2745, 0.2468



91.8329, 0.3440, 0.4053

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.



51.9404, 0.2910, 0.4050



51.9404, 0.2745, 0.2468



51.9404, 0.3918, 0.4173

Square

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



51.9404, 0.2745, 0.2468



51.9404, 0.4157, 0.3425



51.9404, 0.3445, 0.4278



51.9404, 0.2195, 0.3014

Rectangle

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



51.9404, 0.2745, 0.2468



51.9404, 0.3647, 0.2886



51.9404, 0.3445, 0.4278



51.9404, 0.2592, 0.3735

Sweetspot

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



51.9425, 0.2745, 0.2468



83.1308, 0.3025, 0.3061



76.5602, 0.2682, 0.3085



17.2496, 0.3007, 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.



51.9425, 0.2745, 0.2468



45.1840, 0.2650, 0.2279



57.5425, 0.3018, 0.2530



17.6036, 0.3019, 0.3047



4.4308, 0.1651, 0.0683



0.4811, 0.1761, 0.0744

Inverse Universe

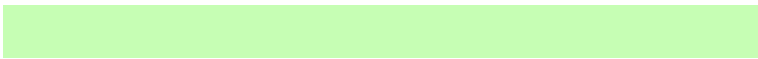
The Inverse Universe completely reimagines the original color for something new.



59.7062, 0.3308, 0.2737



54.2698, 0.3355, 0.2624



86.2512, 0.3201, 0.4114



18.2158, 0.3178, 0.3115



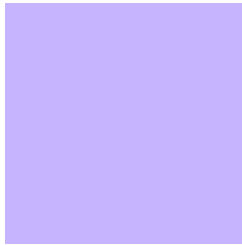
13.0630, 0.3991, 0.1972



1.2897, 0.3882, 0.1912

Previews

White Background



This preview shows how the Yxy color 51.9404, 0.2745, 0.2468 looks on a white background.

Color Contrast Check

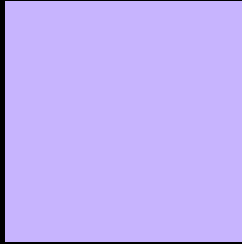
Large Text (above 18pt) WCAG AA × Fail

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 51.9404, 0.2745, 0.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

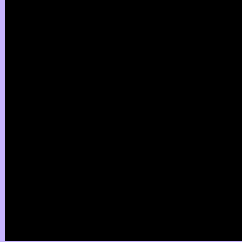
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9404, 0.2745, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 51.9404, 0.2745, 0.2468.

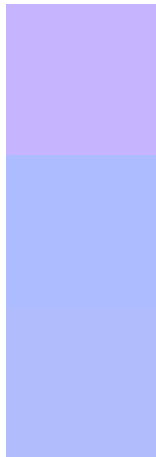


This preview shows how white text looks on a background with the Yxy color 51.9404, 0.2745, 0.2468.

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

51.9404, 0.2745, 0.2468

Protanopia

51.9571, 0.2565, 0.2512

Deuteranopia

52.2248, 0.2607, 0.2547



Tritanopia

51.7020, 0.3023, 0.3105

Trichromacy



Original Color

51.9404, 0.2745, 0.2468

Protanomaly

51.8630, 0.2626, 0.2490

Deuteranomaly

51.9801, 0.2651, 0.2512

Tritanomaly

51.7292, 0.2917, 0.2861

Monochromacy



Original Color

51.9404, 0.2745, 0.2468

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.0888, 0.2983, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9404, 0.2745, 0.2468 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(199, 180, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 180, 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(199, 180, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 180, 254) }
```

Border

The CSS property to change the border of an element to Yxy 51.9404, 0.2745, 0.2468 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(199, 180, 254) }
```

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

```
.border{ border-color:rgb(199, 180, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 180, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 180, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 180, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 180,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9404, 0.2745, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 180, 254) }
```

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

```
.background{ background-color: rgb(199,  
180, 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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