

Converting Colors

$Y_{xy}(50.7270, 0.2664, 0.2513)$

Have a look what the booklet for
Yxy(50.7270, 0.2664, 0.2513)
contains.

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Color

Yxy(50.9594, 0.2666, 0.2518)

Conversions

Conversions Part 1

Format	Color
Hex	B8B7FA
RGB	184, 183, 250
RGB Percent	72%, 72%, 98%
CMY	0.2786, 0.2823, 0.0195
CMYK	0.26, 0.27, 0.00, 0.02
HSL	241°, 87%, 85%
HSV	241°, 27%, 98%
XYZ	53.9546, 50.9594, 97.4664
YIQ	190.9370, -20.9110, 21.0490

Conversions

Conversions Part 2

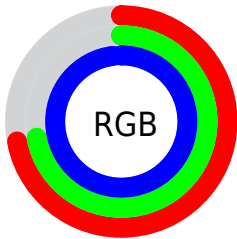
Format	Color
RYB	184, 183, 250
Decimal	12105722
CIELab	76.65, 14.63, -33.00
CIELCh	77, 36.098, 293.905
Yxy	50.9594, 0.2666, 0.2518
Android (android.graphics.Color)	4290295802 (0xFFB8B7FA)
YUV	190.9370, 29.1181, -6.0837
Hunter-Lab	71.3859, 9.9881, -30.9813

Details

The Yxy color **50.9594, 0.2666, 0.2518** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.9692, 0.3527, 0.3963**, and the grayscale version is **51.8984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6538, 0.3044, 0.3132**, and **24.4826, 0.2541, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **38.7638, 0.2460, 0.2175**, and if you desaturate by 10%, it is **65.5214, 0.2855, 0.2834**.

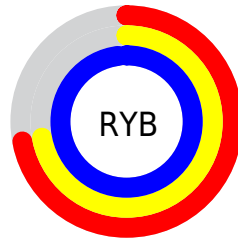
Distribution



Red (72%)

Green (72%)

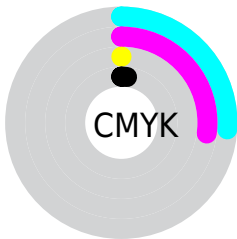
Blue (98%)



Red (72%)

Yellow (72%)

Blue (98%)

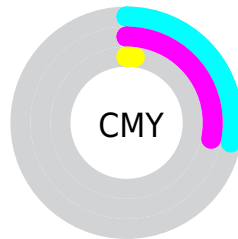


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (2%)



Cyan (28%)

Magenta (28%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9594, 0.2666, 0.2518 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 50.9594, 0.2666, 0.2518 by changing the saturation by 10% instead.

■ 50.9594, 0.2666,
0.2518

■ 50.9594, 0.2666,
0.2518

■ 390.4060, 0.2892,
0.2880

■ 36.1763, 0.2612,
0.2435

■ 91.5948, 0.2747,
0.2644

■ 24.5704, 0.2543,
0.2333

■ 118.2158, 0.2778,
0.2693

■ 15.7573, 0.2455,
0.2205

■ 149.5516, 0.2804,
0.2735

■ 9.3526, 0.2336,
0.2038

■ 185.9866, 0.2826,
0.2771

■ 4.9718, 0.2172,
0.1816

■ 227.9051, 0.2846,
0.2803

■ 2.2308, 0.1930,
0.1510

■ 275.6916, 0.2863,

■ 0.7367, 0.1558,

0.2832

0.1067

329.7304, 0.2879,
0.2857

0.0000, 0.0022,
0.0000

0.0000, 0.0000,
0.0000

50.9594, 0.2666,
0.2518

50.9594, 0.2666,
0.2518

38.7638, 0.2460,
0.2175

65.5214, 0.2855,
0.2834

28.8039, 0.2245,
0.1817

82.5589, 0.3024,
0.3117

20.9460, 0.2032,
0.1465

99.6846, 0.3156,
0.3337

15.0394, 0.1838,
0.1146

■ 10.9134, 0.1680,
0.0887

■ 8.3682, 0.1571,
0.0709

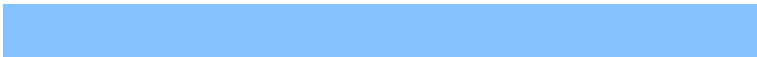
■ 7.1521, 0.1513,
0.0619

■ 6.9277, 0.1503,
0.0602

Harmonies

Analogous

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



50.9594, 0.2353, 0.2549



50.9594, 0.2666, 0.2518



50.9594, 0.3124, 0.2661

Triad

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



50.9594, 0.2666, 0.2518



50.9594, 0.4105, 0.3697



50.9594, 0.2626, 0.3665

Complementary

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



50.9594, 0.2666, 0.2518



91.9692, 0.3527, 0.3963

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.



50.9594, 0.3070, 0.4055



50.9594, 0.2666, 0.2518



50.9594, 0.3935, 0.4023

Square

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



50.9594, 0.2666, 0.2518



50.9594, 0.3991, 0.3309



50.9594, 0.3550, 0.4178



50.9594, 0.2330, 0.3175

Rectangle

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



50.9594, 0.2666, 0.2518



50.9594, 0.3460, 0.2835



50.9594, 0.3550, 0.4178



50.9594, 0.2762, 0.3816

Sweetspot

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



50.9614, 0.2666, 0.2518



84.0517, 0.3005, 0.3085



85.3686, 0.2735, 0.3289



17.3902, 0.2981, 0.3044



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.



50.9614, 0.2666, 0.2518



46.3250, 0.2560, 0.2341



55.4538, 0.2901, 0.2567



16.6549, 0.2981, 0.3045



3.6786, 0.1504, 0.0602



0.3447, 0.1515, 0.0608

Inverse Universe

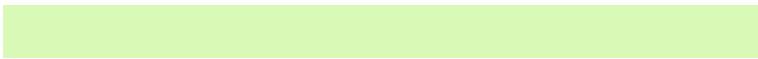
The Inverse Universe completely reimagines the original color for something new.



61.0461, 0.3166, 0.2630



58.4457, 0.3174, 0.2502



86.4938, 0.3305, 0.4014



17.5200, 0.3140, 0.3060



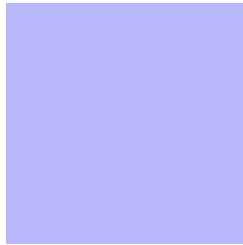
14.3255, 0.3245, 0.1561



1.3281, 0.3241, 0.1559

Previews

White Background



This preview shows how the Yxy color 50.9594, 0.2666, 0.2518 looks on a white background.

Color Contrast Check

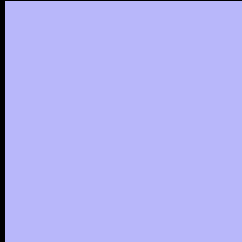
Large Text (above 18pt) WCAG AA × Fail

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 50.9594, 0.2666, 0.2518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

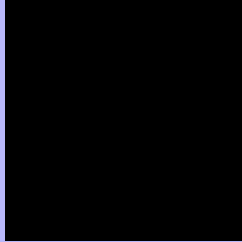
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9594, 0.2666, 0.2518

Background



This preview shows how black text looks on a background with the Yxy color 50.9594, 0.2666, 0.2518.



This preview shows how white text looks on a background with the Yxy color 50.9594, 0.2666, 0.2518.

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

50.9594, 0.2666, 0.2518

Protanopia

51.1785, 0.2561, 0.2517

Deuteranopia

50.9560, 0.2609, 0.2551



Tritanopia

50.8318, 0.2894, 0.3100

Trichromacy



Original Color

50.9594, 0.2666, 0.2518

Protanomaly

51.2600, 0.2598, 0.2522

Deuteranomaly

51.0025, 0.2634, 0.2544

Tritanomaly

50.7053, 0.2806, 0.2873

Monochromacy



Original Color

50.9594, 0.2666, 0.2518

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.4113, 0.2950, 0.2997

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9594, 0.2666, 0.2518 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(184, 183, 250)` looks like.

```
.text, #text, p{  
    color:rgb(184, 183, 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(184, 183, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 183, 250) }
```

Border

The CSS property to change the border of an element to Yxy 50.9594, 0.2666, 0.2518 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(184, 183, 250) }
```

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

```
.border{ border-color:rgb(184, 183, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 183, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 183, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 183, 250);  
box-shadow:4px 4px 4px 4px rgb(184, 183,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9594, 0.2666, 0.2518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 183, 250) }
```

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

```
.background{ background-color: rgb(184,  
183, 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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