

Converting Colors

$Yxy(49.5926, 0.2611, 0.2468)$

Have a look what the booklet for
Yxy(49.5926, 0.2611, 0.2468)
contains.

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Color

Yxy(49.5410, 0.2611, 0.2466)

Conversions

Conversions Part 1

Format	Color
Hex	B2B5FC
RGB	178, 181, 252
RGB Percent	70%, 71%, 99%
CMY	0.3020, 0.2902, 0.0117
CMYK	0.29, 0.28, 0.00, 0.01
HSL	238°, 93%, 84%
HSV	238°, 29%, 99%
XYZ	52.4540, 49.5410, 98.9012
YIQ	188.1970, -24.5790, 21.4450

Conversions

Conversions Part 2

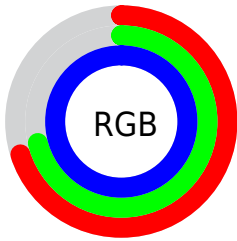
Format	Color
R_{YB}	178, 181, 252
Decimal	11711996
CIE _{Lab}	75.79, 14.49, -35.44
CIE _{LCh}	76, 38.288, 292.243
Yxy	49.5410, 0.2611, 0.2466
Android (android.graphics.Color)	4289902076 (0xFFB2B5FC)
YUV	188.1970, 31.4549, -8.9428
Hunter-Lab	70.3854, 9.8510, -34.0409

Details

The Yxy color **49.5410, 0.2611, 0.2466** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.6614, 0.3580, 0.3999**, and the grayscale version is **50.2361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4505, 0.3006, 0.3110**, and **23.5894, 0.2471, 0.2265** is the 20% darker color. If you saturate the color by 10%, you get **37.8375, 0.2403, 0.2129**, and if you desaturate by 10%, it is **63.5017, 0.2805, 0.2778**.

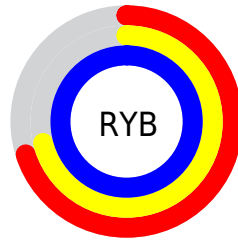
Distribution



Red (70%)

Green (71%)

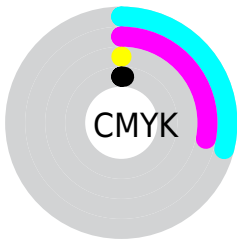
Blue (99%)



Red (70%)

Yellow (71%)

Blue (99%)

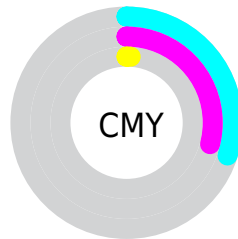


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (1%)



Cyan (30%)

Magenta (29%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5410, 0.2611, 0.2466 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 49.5410, 0.2611, 0.2466 by changing the saturation by 10% instead.

■ 49.5410, 0.2611,
0.2466

■ 49.5410, 0.2611,
0.2466

■ 384.8682, 0.2864,
0.2853

■ 35.0488, 0.2550,
0.2378

■ 89.4944, 0.2701,
0.2600

■ 23.7005, 0.2474,
0.2269

■ 115.7245, 0.2736,
0.2653

■ 15.1116, 0.2375,
0.2132

■ 146.6359, 0.2765,
0.2698

■ 8.8977, 0.2244,
0.1955

■ 182.6132, 0.2791,
0.2737

■ 4.6745, 0.2062,
0.1720

■ 224.0407, 0.2813,
0.2771

■ 2.0576, 0.1798,
0.1399

■ 271.3027, 0.2832,


■ 0.6406, 0.1403,


0.2801


0.0928


324.7838, 0.2849,
0.2828


 0.0000, 0.0000,
0.0000

 49.5410, 0.2611,
0.2466


 49.5410, 0.2611,
0.2466


 37.8375, 0.2403,
0.2129


 63.5017, 0.2805,
0.2778


 28.2671, 0.2189,
0.1781


 79.8232, 0.2981,
0.3058

 20.7031, 0.1982,
0.1440

 98.6099, 0.3136,
0.3305

 15.0026, 0.1798,
0.1132

 99.8090, 0.3144,
0.3318

 11.0039, 0.1652,
0.0882

■ 8.5180, 0.1555,
0.0710

■ 7.2968, 0.1507,
0.0620

■ 7.2516, 0.1505,
0.0617

Harmonies

Analogous

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



49.5410, 0.2291, 0.2507



49.5410, 0.2611, 0.2466



49.5410, 0.3093, 0.2608

Triad

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



49.5410, 0.2611, 0.2466



49.5410, 0.4175, 0.3696



49.5410, 0.2613, 0.3720

Complementary

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



49.5410, 0.2611, 0.2466



91.6614, 0.3580, 0.3999

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.



49.5410, 0.3091, 0.4129



49.5410, 0.2611, 0.2466



49.5410, 0.4006, 0.4054

Square

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



49.5410, 0.2611, 0.2466



49.5410, 0.4037, 0.3283



49.5410, 0.3603, 0.4240



49.5410, 0.2289, 0.3191

Rectangle

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



49.5410, 0.2611, 0.2466



49.5410, 0.3453, 0.2788



49.5410, 0.3603, 0.4240



49.5410, 0.2760, 0.3882

Sweetspot

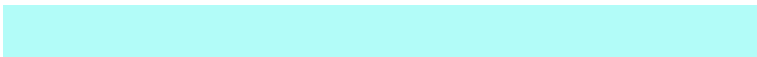
The Sweet Spot groups the original color and five complimentary colors.



49.5429, 0.2611, 0.2466



82.6531, 0.2987, 0.3067



85.8881, 0.2720, 0.3329



17.1327, 0.2963, 0.3029



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.



49.5429, 0.2611, 0.2466



43.8187, 0.2495, 0.2278



52.7600, 0.2847, 0.2485



16.7562, 0.2979, 0.3055



3.8279, 0.1507, 0.0625



0.3932, 0.1524, 0.0685

Inverse Universe

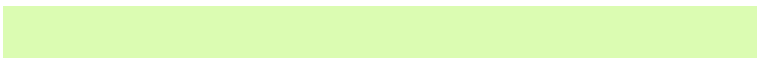
The Inverse Universe completely reimagines the original color for something new.



55.8716, 0.3758, 0.3260



51.3206, 0.3933, 0.3254



87.8555, 0.3346, 0.4084



17.2367, 0.3288, 0.3281



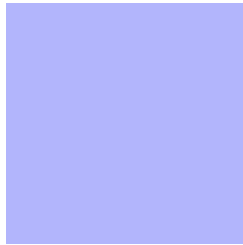
10.7973, 0.6359, 0.3277



1.0039, 0.6258, 0.3221

Previews

White Background



This preview shows how the Yxy color 49.5410, 0.2611, 0.2466 looks on a white background.

Color Contrast Check

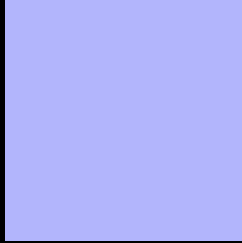
Large Text (above 18pt) WCAG AA × Fail

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 49.5410, 0.2611, 0.2466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

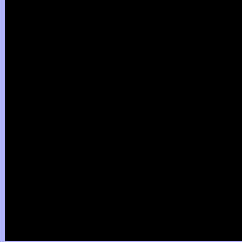
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5410, 0.2611, 0.2466

Background



This preview shows how black text looks on a background with the Yxy color 49.5410, 0.2611, 0.2466.



This preview shows how white text looks on a background with the Yxy color 49.5410, 0.2611, 0.2466.

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

49.5410, 0.2611, 0.2466

Protanopia

49.5437, 0.2526, 0.2465

Deuteranopia

49.5708, 0.2555, 0.2498



Tritanopia

49.5595, 0.2848, 0.3096

Trichromacy



Original Color

49.5410, 0.2611, 0.2466

Protanomaly

49.5049, 0.2555, 0.2469

Deuteranomaly

49.6027, 0.2580, 0.2491

Tritanomaly

49.5852, 0.2762, 0.2855

Monochromacy



Original Color

49.5410, 0.2611, 0.2466

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5914, 0.2925, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5410, 0.2611, 0.2466 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(178, 181, 252)` looks like.

```
.text, #text, p{  
    color:rgb(178, 181, 252)  
}
```

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(178, 181, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 181, 252) }
```

Border

The CSS property to change the border of an element to Yxy 49.5410, 0.2611, 0.2466 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(178, 181, 252) }
```

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

```
.border{ border-color:rgb(178, 181, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 181, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 181, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 181, 252); box-shadow:4px 4px 4px 4px rgb(178, 181, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5410, 0.2611, 0.2466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 181, 252) }
```

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

```
.background{ background-color: rgb(178,  
181, 252) }
```

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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