

Converting Colors

$Yxy(49.4063, 0.2629, 0.2416)$

Have a look what the booklet for
Yxy(49.4063, 0.2629, 0.2416)
contains.

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Color

Yxy(49.2511, 0.2631, 0.2411)

Conversions

Conversions Part 1

Format	Color
Hex	B8B2FF
RGB	184, 178, 255
RGB Percent	72%, 70%, 100%
CMY	0.2782, 0.3020, 0.0000
CMYK	0.28, 0.30, 0.00, 0.00
HSL	245°, 100%, 85%
HSV	245°, 30%, 100%
XYZ	53.7452, 49.2511, 101.2804
YIQ	188.5720, -21.1410, 25.2190

Conversions

Conversions Part 2

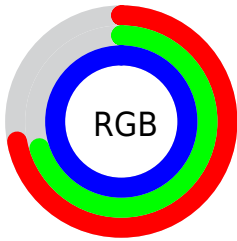
Format	Color
RYB	184, 178, 255
Decimal	12104447
CIELab	75.61, 18.60, -37.29
CIELCh	76, 41.672, 296.516
Yxy	49.2511, 0.2631, 0.2411
Android (android.graphics.Color)	4290294527 (0xFFB8B2FF)
YUV	188.5720, 32.7490, -4.0096
Hunter-Lab	70.1791, 13.8869, -36.4401

Details

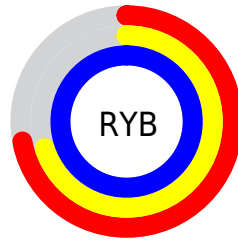
The Yxy color $49.2511, 0.2631, 0.2411$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.8629, 0.3544, 0.4058$, and the grayscale version is $50.4551, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.7664, 0.3045, 0.3082$, and $23.4116, 0.2495, 0.2198$ is the 20% darker color. If you saturate the color by 10%, you get $37.3666, 0.2431, 0.2066$, and if you desaturate by 10%, it is $63.5073, 0.2815, 0.2733$.

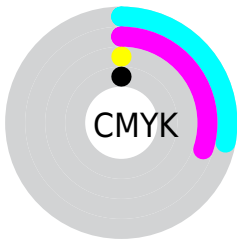
Distribution



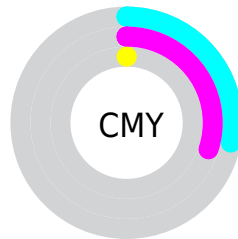
- Red (72%)
- Green (70%)
- Blue (100%)



- Red (72%)
- Yellow (70%)
- Blue (100%)



- Cyan (28%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2511, 0.2631, 0.2411 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 49.2511, 0.2631, 0.2411 by changing the saturation by 10% instead.

■ 49.2511, 0.2631,
0.2411

■ 49.2511, 0.2631,
0.2411

383.7300, 0.2876,
0.2820

■ 34.8187, 0.2572,
0.2318

■ 89.0643, 0.2719,
0.2553

■ 23.5233, 0.2497,
0.2204

115.2139, 0.2752,
0.2608

■ 14.9804, 0.2401,
0.2062

146.0380, 0.2781,
0.2656

■ 8.8056, 0.2273,
0.1879

181.9210, 0.2805,
0.2697

■ 4.6146, 0.2095,
0.1639

223.2473, 0.2826,
0.2733

■ 2.0230, 0.1837,
0.1316

270.4013, 0.2845,

■ 0.6208, 0.1449,

0.2766

0.0848

323.7674, 0.2861,
0.2794

0.0000, 0.0000,
0.0000

49.2511, 0.2631,
0.2411

49.2511, 0.2631,
0.2411

37.3666, 0.2431,
0.2066

63.5073, 0.2815,
0.2733

27.7195, 0.2223,
0.1714

80.2480, 0.2980,
0.3026

20.1711, 0.2019,
0.1375

99.5860, 0.3124,
0.3285

14.5647, 0.1834,
0.1075

100.0000, 0.3127,
0.3290

10.7217, 0.1683,
0.0839

■ 8.4302, 0.1576,
0.0685

■ 7.3693, 0.1519,
0.0610

Harmonies

Analogous

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



49.2511, 0.2259, 0.2423



49.2511, 0.2631, 0.2411



49.2511, 0.3171, 0.2590

Triad

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



49.2511, 0.2631, 0.2411



49.2511, 0.4262, 0.3784



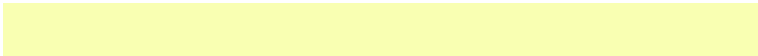
49.2511, 0.2504, 0.3679

Complementary

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



49.2511, 0.2631, 0.2411



94.8629, 0.3544, 0.4058

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.



49.2511, 0.3004, 0.4166



49.2511, 0.2631, 0.2411



49.2511, 0.4030, 0.4160

Square

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



49.2511, 0.2631, 0.2411



49.2511, 0.4162, 0.3340



49.2511, 0.3563, 0.4333



49.2511, 0.2188, 0.3099

Rectangle

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



49.2511, 0.2631, 0.2411



49.2511, 0.3563, 0.2796



49.2511, 0.3563, 0.4333



49.2511, 0.2655, 0.3866

Sweetspot

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



49.2530, 0.2631, 0.2411



82.4293, 0.2998, 0.3059



84.9716, 0.2684, 0.3233



17.0782, 0.2976, 0.3019



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.



49.2530, 0.2631, 0.2411



42.0784, 0.2517, 0.2213



54.5279, 0.2905, 0.2476



17.4460, 0.2991, 0.3045



3.8745, 0.1524, 0.0613



0.3997, 0.1577, 0.0643

Inverse Universe

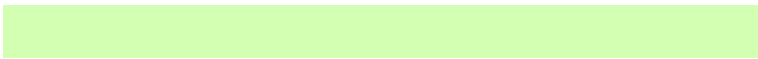
The Inverse Universe completely reimagines the original color for something new.



59.9328, 0.3208, 0.2590



54.2891, 0.3227, 0.2457



88.6360, 0.3293, 0.4125



18.2743, 0.3150, 0.3074



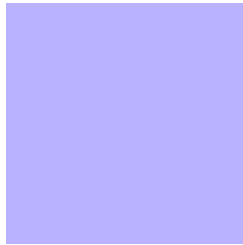
14.2516, 0.3418, 0.1656



1.3947, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 49.2511, 0.2631, 0.2411 looks on a white background.

Color Contrast Check

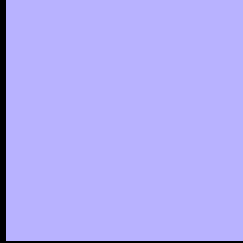
Large Text (above 18pt) WCAG AA × Fail

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 49.2511, 0.2631, 0.2411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

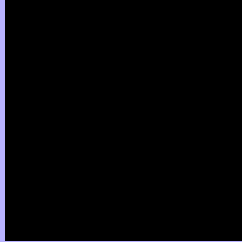
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.2511, 0.2631, 0.2411

Background



This preview shows how black text looks on a background with the Yxy color 49.2511, 0.2631, 0.2411.

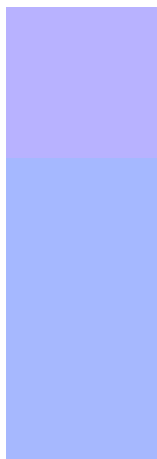


This preview shows how white text looks on a background with the Yxy color 49.2511, 0.2631, 0.2411.

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

49.2511, 0.2631, 0.2411

Protanopia

49.5003, 0.2514, 0.2454

Deuteranopia

49.5437, 0.2526, 0.2465



Tritanopia

49.2769, 0.2906, 0.3098

Trichromacy



Original Color

49.2511, 0.2631, 0.2411

Protanomaly

49.4466, 0.2556, 0.2440

Deuteranomaly

49.4959, 0.2568, 0.2451

Tritanomaly

49.0199, 0.2803, 0.2822

Monochromacy



Original Color

49.2511, 0.2631, 0.2411

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.0668, 0.2934, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2511, 0.2631, 0.2411 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, 178, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 178, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 178, 255) }
```

Border

The CSS property to change the border of an element to Yxy 49.2511, 0.2631, 0.2411 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, 178, 255) }
```

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

```
.border{ border-color:rgb(184, 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(184, 178, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 178, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 178, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 178,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2511, 0.2631, 0.2411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 178, 255) }
```

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

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