

Converting Colors

$Yxy(51.9195, 0.2665, 0.2636)$

Have a look what the booklet for
Yxy(51.9195, 0.2665, 0.2636)
contains.

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Color

Yxy(51.8452, 0.2661, 0.2630)

Conversions

Conversions Part 1

Format	Color
Hex	B1BCF4
RGB	177, 188, 244
RGB Percent	69%, 74%, 96%
CMY	0.3056, 0.2628, 0.0431
CMYK	0.27, 0.23, 0.00, 0.04
HSL	230°, 75%, 83%
HSV	230°, 27%, 96%
XYZ	52.4563, 51.8452, 92.8285
YIQ	191.0950, -24.5320, 15.0840

Conversions

Conversions Part 2

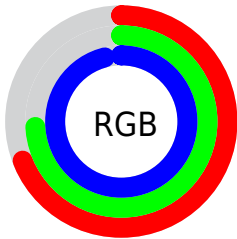
Format	Color
R _{YB}	177, 186, 244
Decimal	11648244
CIE Lab	77.19, 8.46, -28.97
CIE LCh	77, 30.183, 286.274
Yxy	51.8452, 0.2661, 0.2630
Android (android.graphics.Color)	4289838324 (0xFFB1BCF4)
YUV	191.0950, 26.0822, -12.3613
Hunter-Lab	72.0036, 4.0351, -26.0354

Details

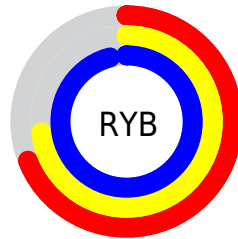
The Yxy color **51.8452, 0.2661, 0.2630** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7415, 0.3570, 0.3873**, and the grayscale version is **52.0225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4138, 0.2999, 0.3180**, and **25.1697, 0.2536, 0.2464** is the 20% darker color. If you saturate the color by 10%, you get **41.1155, 0.2466, 0.2340**, and if you desaturate by 10%, it is **64.3261, 0.2844, 0.2895**.

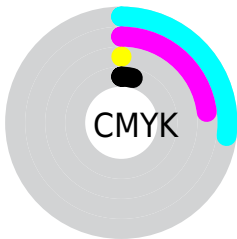
Distribution



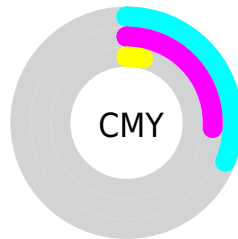
- Red (69%)
- Green (74%)
- Blue (96%)



- Red (69%)
- Yellow (73%)
- Blue (96%)



- Cyan (27%)
- Magenta (23%)
- Yellow (0%)
- Black (4%)



- Cyan (31%)
- Magenta (26%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8452, 0.2661, 0.2630 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 51.8452, 0.2661, 0.2630 by changing the saturation by 10% instead.

■ 51.8452, 0.2661,
0.2630

■ 51.8452, 0.2661,
0.2630

■ 393.8387, 0.2888,
0.2943

■ 36.8817, 0.2607,
0.2557

■ 92.9029, 0.2742,
0.2740

■ 25.1159, 0.2539,
0.2467

■ 119.7659, 0.2773,
0.2782

■ 16.1634, 0.2451,
0.2352

■ 151.3642, 0.2799,
0.2818

■ 9.6399, 0.2333,
0.2202

■ 188.0821, 0.2822,
0.2850

■ 5.1608, 0.2170,
0.1998

■ 230.3042, 0.2841,
0.2877

■ 2.3419, 0.1930,
0.1709

■ 278.4147, 0.2859,

■ 0.7958, 0.1556,

0.2902

0.1278

332.7981, 0.2874,
0.2923

0.0000, 0.0000,
0.0000

51.8452, 0.2661,
0.2630

51.8452, 0.2661,
0.2630

41.1155, 0.2466,
0.2340

64.3261, 0.2844,
0.2895

32.0521, 0.2266,
0.2033

78.6259, 0.3013,
0.3132

24.5718, 0.2069,
0.1719

94.8161, 0.3165,
0.3341

18.5820, 0.1888,
0.1416

99.3116, 0.3191,
0.3396

13.9799, 0.1735,
0.1142

■ 10.6492, 0.1619,
0.0917

■ 8.4501, 0.1547,
0.0754

■ 8.0330, 0.1534,
0.0721

Harmonies

Analogous

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



51.8452, 0.2433, 0.2702



51.8452, 0.2661, 0.2630



51.8452, 0.3023, 0.2714

Triad

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



51.8452, 0.2661, 0.2630



51.8452, 0.3938, 0.3560



51.8452, 0.2797, 0.3694

Complementary

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



51.8452, 0.2661, 0.2630



80.7415, 0.3570, 0.3873

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.



51.8452, 0.3188, 0.3966



51.8452, 0.2661, 0.2630



51.8452, 0.3859, 0.3850

Square

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



51.8452, 0.2661, 0.2630



51.8452, 0.3782, 0.3229



51.8452, 0.3579, 0.4014



51.8452, 0.2506, 0.3301

Rectangle

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



51.8452, 0.2661, 0.2630



51.8452, 0.3301, 0.2845



51.8452, 0.3579, 0.4014



51.8452, 0.2921, 0.3806

Sweetspot

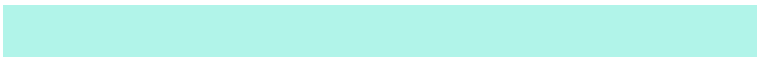
The Sweet Spot groups the original color and five complimentary colors.



51.8473, 0.2661, 0.2630



85.9191, 0.3003, 0.3119



79.9314, 0.2785, 0.3415



17.8557, 0.2979, 0.3085



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.



51.8473, 0.2661, 0.2630



50.3762, 0.2552, 0.2469



50.2018, 0.2811, 0.2532



16.3628, 0.2979, 0.3086



4.4971, 0.1539, 0.0740



0.5196, 0.1594, 0.0937

Inverse Universe

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



54.3384, 0.3628, 0.3173



53.8135, 0.3772, 0.3148



83.3592, 0.3386, 0.4013



16.5266, 0.3268, 0.3252



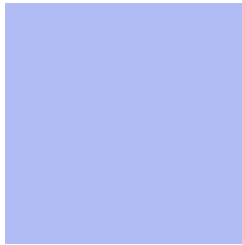
10.5534, 0.6167, 0.3171



0.9401, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 51.8452, 0.2661, 0.2630 looks on a white background.

Color Contrast Check

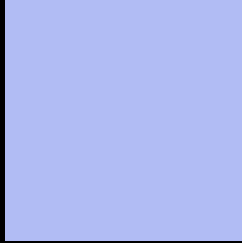
Large Text (above 18pt) WCAG AA × Fail

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 51.8452, 0.2661, 0.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

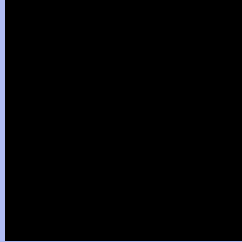
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8452, 0.2661, 0.2630

Background



This preview shows how black text looks on a background with the Yxy color 51.8452, 0.2661, 0.2630.



This preview shows how white text looks on a background with the Yxy color 51.8452, 0.2661, 0.2630.

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

51.8452, 0.2661, 0.2630

Protanopia

51.7282, 0.2654, 0.2629

Deuteranopia

51.7756, 0.2680, 0.2622



Tritanopia

51.7828, 0.2832, 0.3087

Trichromacy



Original Color

51.8452, 0.2661, 0.2630

Protanomaly

51.7282, 0.2654, 0.2629

Deuteranomaly

51.6560, 0.2673, 0.2620

Tritanomaly

51.8574, 0.2773, 0.2919

Monochromacy



Original Color

51.8452, 0.2661, 0.2630

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9192, 0.2949, 0.3044

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8452, 0.2661, 0.2630 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(177, 188, 244)` looks like.

```
.text, #text, p{  
    color:rgb(177, 188, 244)  
}
```

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(177, 188, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 188, 244) }
```

Border

The CSS property to change the border of an element to Yxy 51.8452, 0.2661, 0.2630 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(177, 188, 244) }
```

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

```
.border{ border-color:rgb(177, 188, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 188, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 188, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 188, 244);  
box-shadow:4px 4px 4px 4px rgb(177, 188,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8452, 0.2661, 0.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 188, 244) }
```

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

```
.background{ background-color: rgb(177,  
188, 244) }
```

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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