

Converting Colors

$Yxy(47.2846, 0.2892, 0.2925)$

Have a look what the booklet for
Yxy(47.2846, 0.2892, 0.2925)
contains.

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Color

Yxy(47.2846, 0.2892, 0.2925)

Conversions

Conversions Part 1

Format	Color
Hex	B3B5D2
RGB	179, 181, 210
RGB Percent	70%, 71%, 82%
CMY	0.2979, 0.2902, 0.1766
CMYK	0.15, 0.14, 0.00, 0.18
HSL	236°, 26%, 76%
HSV	236°, 15%, 82%
XYZ	46.7511, 47.2846, 67.6210
YIQ	183.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

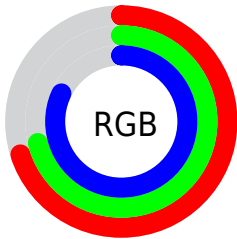
Format	Color
R_{YB}	179, 181, 210
Decimal	11777490
CIE Lab	74.37, 5.16, -14.82
CIE LCh	74, 15.694, 289.181
Yxy	47.2846, 0.2892, 0.2925
Android (android.graphics.Color)	4289967570 (0xFFB3B5D2)
YUV	183.7080, 12.9620, -4.1289
Hunter-Lab	68.7638, 1.0219, -10.1700

Details

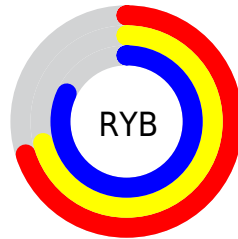
The Yxy color **47.2846, 0.2892, 0.2925** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.0767, 0.3350, 0.3631**, and the grayscale version is **47.6982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4505, 0.3006, 0.3110**, and **22.2405, 0.2829, 0.2829** is the 20% darker color. If you saturate the color by 10%, you get **37.5295, 0.2710, 0.2638**, and if you desaturate by 10%, it is **58.5538, 0.3056, 0.3180**.

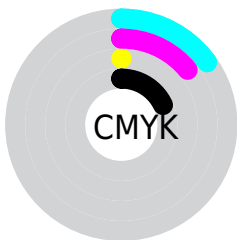
Distribution



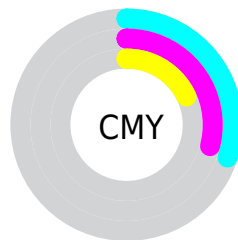
- Red (70%)
- Green (71%)
- Blue (82%)



- Red (70%)
- Yellow (71%)
- Blue (82%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



- Cyan (30%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.2846, 0.2892, 0.2925 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 47.2846, 0.2892, 0.2925 by changing the saturation by 10% instead.

■ 47.2846, 0.2892,
0.2925

■ 47.2846, 0.2892,
0.2925

375.9494, 0.3009,
0.3104

■ 33.2607, 0.2863,
0.2881

■ 86.1383, 0.2935,
0.2989

■ 22.3262, 0.2825,
0.2826

111.7369, 0.2951,
0.3014

■ 14.0968, 0.2776,
0.2754

141.9624, 0.2964,
0.3034

■ 8.1880, 0.2707,
0.2655

177.1994, 0.2976,
0.3052

■ 4.2155, 0.2606,
0.2512

217.8322, 0.2986,
0.3068

■ 1.7948, 0.2444,
0.2290

264.2452, 0.2995,

■ 0.4839, 0.2118,

0.3081

0.1750

316.8228, 0.3002,
0.3093

0.0000, 0.0000,
0.0000

47.2846, 0.2892,
0.2925

47.2846, 0.2892,
0.2925

37.5295, 0.2710,
0.2638

58.5538, 0.3056,
0.3180

29.2184, 0.2511,
0.2324

71.3917, 0.3201,
0.3404

22.2845, 0.2304,
0.1990

85.8572, 0.3328,
0.3598

16.6532, 0.2096,
0.1651

97.4321, 0.3394,
0.3731

12.2431, 0.1901,
0.1328

■ 8.9633, 0.1735,
0.1045

■ 6.7106, 0.1610,
0.0825

■ 5.3623, 0.1534,
0.0680

■ 4.9474, 0.1510,
0.0634

Harmonies

Analogous

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



47.2846, 0.2754, 0.2964



47.2846, 0.2892, 0.2925



47.2846, 0.3097, 0.2978

Triad

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



47.2846, 0.2892, 0.2925



47.2846, 0.3561, 0.3465



47.2846, 0.2934, 0.3484

Complementary

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



47.2846, 0.2892, 0.2925



62.0767, 0.3350, 0.3631

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.



47.2846, 0.3145, 0.3631



47.2846, 0.2892, 0.2925



47.2846, 0.3511, 0.3612

Square

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



47.2846, 0.2892, 0.2925



47.2846, 0.3489, 0.3281



47.2846, 0.3358, 0.3677



47.2846, 0.2777, 0.3282

Rectangle

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



47.2846, 0.2892, 0.2925



47.2846, 0.3246, 0.3056



47.2846, 0.3358, 0.3677



47.2846, 0.3001, 0.3542

Sweetspot

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



47.2866, 0.2892, 0.2925



92.1712, 0.3067, 0.3197



60.2210, 0.2918, 0.3315



19.4229, 0.3055, 0.3179



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.



47.2866, 0.2892, 0.2925



67.8792, 0.2831, 0.2829



48.1724, 0.2999, 0.2912



11.5360, 0.2982, 0.3065



3.0697, 0.1512, 0.0644



0.2148, 0.1551, 0.0784

Inverse Universe

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



49.2901, 0.3383, 0.3267



71.6637, 0.3456, 0.3261



61.1515, 0.3242, 0.3665



11.8202, 0.3281, 0.3276



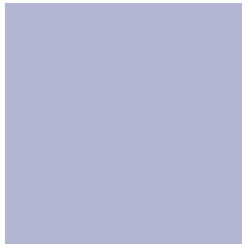
8.3812, 0.6327, 0.3259



0.4730, 0.6095, 0.3131

Previews

White Background



This preview shows how the Yxy color 47.2846, 0.2892, 0.2925 looks on a white background.

Color Contrast Check

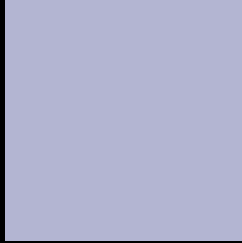
Large Text (above 18pt) WCAG AA × Fail

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 47.2846, 0.2892, 0.2925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

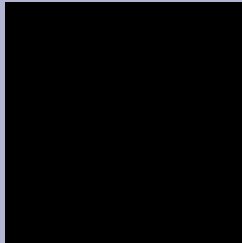
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2846, 0.2892, 0.2925

Background



This preview shows how black text looks on a background with the Yxy color 47.2846, 0.2892, 0.2925.



This preview shows how white text looks on a background with the Yxy color 47.2846, 0.2892, 0.2925.

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

47.2846, 0.2892, 0.2925

Protanopia

47.1659, 0.2884, 0.2924

Deuteranopia

47.1087, 0.2947, 0.2882



Tritanopia

47.2913, 0.2963, 0.3097

Trichromacy



Original Color

47.2846, 0.2892, 0.2925

Protanomaly

47.1659, 0.2884, 0.2924

Deuteranomaly

47.1337, 0.2923, 0.2892

Tritanomaly

47.1851, 0.2942, 0.3034

Monochromacy



Original Color

47.2846, 0.2892, 0.2925

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.6623, 0.3042, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2846, 0.2892, 0.2925 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(179, 181, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 181, 210)  
}
```

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(179, 181, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 181, 210) }
```

Border

The CSS property to change the border of an element to Yxy 47.2846, 0.2892, 0.2925 is called "border". The border property can be set on classes, ids or directly on the HTML element.

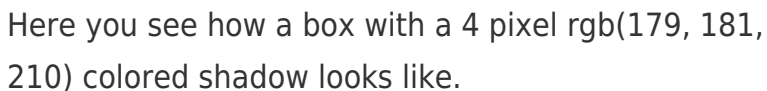
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 181, 210) }
```

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

```
.border{ border-color:rgb(179, 181, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 181, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 181, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 181, 210); box-shadow:4px 4px 4px 4px rgb(179, 181, 210) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2846, 0.2892, 0.2925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 181, 210) }
```

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

```
.background{ background-color: rgb(179,  
181, 210) }
```

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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