

Converting Colors

$Y_{xy}(46.7891, 0.2919, 0.2909)$

Have a look what the booklet for
Yxy(46.7891, 0.2919, 0.2909)
contains.

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Color

Yxy(46.7887, 0.2922, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	B6B3D1
RGB	182, 179, 209
RGB Percent	71%, 70%, 82%
CMY	0.2863, 0.2980, 0.1805
CMYK	0.13, 0.14, 0.00, 0.18
HSL	246°, 25%, 76%
HSV	246°, 14%, 82%
XYZ	46.9172, 46.7887, 66.8594
YIQ	183.3170, -7.8420, 9.9660

Conversions

Conversions Part 2

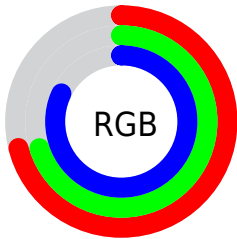
Format	Color
RYB	182, 179, 209
Decimal	11973585
CIELab	74.05, 6.99, -14.73
CIELCh	74, 16.301, 295.390
Yxy	46.7887, 0.2922, 0.2914
Android (android.graphics.Color)	4290163665 (0xFFB6B3D1)
YUV	183.3170, 12.6617, -1.1550
Hunter-Lab	68.4023, 2.7293, -10.0710

Details

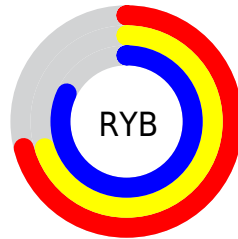
The Yxy color **46.7887, 0.2922, 0.2914** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.9590, 0.3317, 0.3645**, and the grayscale version is **47.4698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8138, 0.3025, 0.3090**, and **21.9554, 0.2859, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **36.9006, 0.2755, 0.2614**, and if you desaturate by 10%, it is **58.2576, 0.3069, 0.3183**.

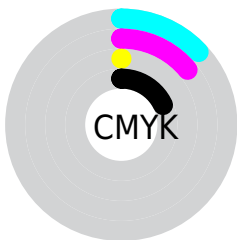
Distribution



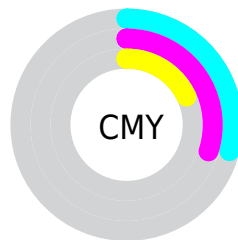
- Red (71%)
- Green (70%)
- Blue (82%)



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



- Cyan (13%)
- Magenta (14%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.7887, 0.2922, 0.2914 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 46.7887, 0.2922, 0.2914 by changing the saturation by 10% instead.

■ 46.7887, 0.2922,
0.2914

■ 46.7887, 0.2922,
0.2914

373.9705, 0.3025,
0.3098

■ 32.8686, 0.2896,
0.2869

■ 85.3981, 0.2960,
0.2980

■ 22.0258, 0.2863,
0.2812

110.8563, 0.2974,
0.3005

■ 13.8759, 0.2819,
0.2738

140.9293, 0.2985,
0.3026

■ 8.0344, 0.2758,
0.2637

176.0015, 0.2996,
0.3045

■ 4.1170, 0.2667,
0.2491

216.4573, 0.3004,
0.3061

■ 1.7392, 0.2518,
0.2263

262.6812, 0.3012,

■ 0.4488, 0.2231,

0.3075

0.1677

315.0574, 0.3019,
0.3087

0.0000, 0.0000,
0.0000

46.7887, 0.2922,
0.2914

46.7887, 0.2922,
0.2914

36.9006, 0.2755,
0.2614

58.2576, 0.3069,
0.3183

28.5183, 0.2570,
0.2287

71.3663, 0.3197,
0.3421

21.5696, 0.2373,
0.1944

86.1779, 0.3308,
0.3628

15.9739, 0.2170,
0.1599

97.3819, 0.3400,
0.3741

11.6425, 0.1974,
0.1276

■ 8.4765, 0.1799,
0.0999

■ 6.3617, 0.1660,
0.0790

■ 5.1606, 0.1566,
0.0661

■ 4.7602, 0.1531,
0.0617

Harmonies

Analogous

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



46.7887, 0.2760, 0.2934



46.7887, 0.2922, 0.2914



46.7887, 0.3144, 0.2987

Triad

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



46.7887, 0.2922, 0.2914



46.7887, 0.3579, 0.3508



46.7887, 0.2885, 0.3451

Complementary

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



46.7887, 0.2922, 0.2914



61.9590, 0.3317, 0.3645

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.



46.7887, 0.3098, 0.3622



46.7887, 0.2922, 0.2914



46.7887, 0.3502, 0.3647

Square

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



46.7887, 0.2922, 0.2914



46.7887, 0.3530, 0.3321



46.7887, 0.3324, 0.3693



46.7887, 0.2740, 0.3237

Rectangle

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



46.7887, 0.2922, 0.2914



46.7887, 0.3297, 0.3078



46.7887, 0.3324, 0.3693



46.7887, 0.2951, 0.3516

Sweetspot

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



46.7907, 0.2922, 0.2914



91.9641, 0.3073, 0.3191



58.5571, 0.2910, 0.3259



19.3708, 0.3063, 0.3171



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.



46.7907, 0.2922, 0.2914



68.7286, 0.2876, 0.2831



48.6462, 0.3040, 0.2927



11.4734, 0.2997, 0.3051



2.9559, 0.1537, 0.0620



0.1850, 0.1644, 0.0679

Inverse Universe

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



50.2491, 0.3167, 0.2972



75.1162, 0.3176, 0.2908



59.9812, 0.3204, 0.3658



11.9878, 0.3153, 0.3083



10.6076, 0.3476, 0.1689



0.5991, 0.3421, 0.1658

Previews

White Background



This preview shows how the Yxy color 46.7887, 0.2922, 0.2914 looks on a white background.

Color Contrast Check

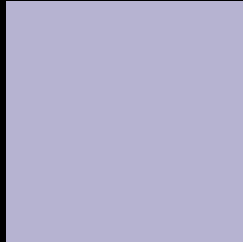
Large Text (above 18pt) WCAG AA × Fail

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 46.7887, 0.2922, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

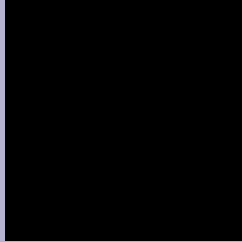
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.7887, 0.2922, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 46.7887, 0.2922, 0.2914.



This preview shows how white text looks on a background with the Yxy color 46.7887, 0.2922, 0.2914.

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

46.7887, 0.2922, 0.2914

Protanopia

47.0480, 0.2876, 0.2923

Deuteranopia

46.6125, 0.2962, 0.2893



Tritanopia

46.7366, 0.3003, 0.3097

Trichromacy



Original Color

46.7887, 0.2922, 0.2914

Protanomaly

46.8794, 0.2891, 0.2912

Deuteranomaly

46.7585, 0.2946, 0.2904

Tritanomaly

46.6833, 0.2973, 0.3023

Monochromacy



Original Color

46.7887, 0.2922, 0.2914

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3289, 0.3058, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.7887, 0.2922, 0.2914 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(182, 179, 209)` looks like.

```
.text, #text, p{  
    color:rgb(182, 179, 209)  
}
```

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(182, 179, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 179, 209) }
```

Border

The CSS property to change the border of an element to Yxy 46.7887, 0.2922, 0.2914 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(182, 179, 209) }
```

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

```
.border{ border-color:rgb(182, 179, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 179, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 179, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 179, 209);  
box-shadow:4px 4px 4px 4px rgb(182, 179,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 46.7887, 0.2922, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 179, 209) }
```

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

```
.background{ background-color: rgb(182,  
179, 209) }
```

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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