

Converting Colors

Yxy(51.6774, 0.2915, 0.2860)

Have a look what the booklet for
Yxy(51.6774, 0.2915, 0.2860)
contains.

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Color

Yxy(51.7292, 0.2917, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	C1BADE
RGB	193, 186, 222
RGB Percent	76%, 73%, 87%
CMY	0.2431, 0.2706, 0.1293
CMYK	0.13, 0.16, 0.00, 0.13
HSL	252°, 35%, 80%
HSV	252°, 16%, 87%
XYZ	52.7417, 51.7292, 76.3372
YIQ	192.1970, -7.3840, 12.6800

Conversions

Conversions Part 2

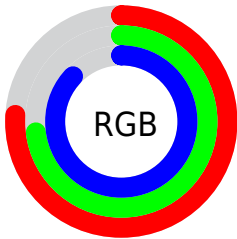
Format	Color
R _Y B	193, 186, 222
Decimal	12696286
CIE Lab	77.12, 9.50, -17.12
CIE LCh	77, 19.583, 299.022
Yxy	51.7292, 0.2917, 0.2861
Android (android.graphics.Color)	4290886366 (0xFFC1BADE)
YUV	192.1970, 14.6929, 0.7042
Hunter-Lab	71.9230, 5.0302, -12.5827

Details

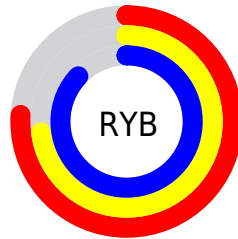
The Yxy color **51.7292, 0.2917, 0.2861** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.2574, 0.3318, 0.3698**, and the grayscale version is **52.7519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0483, 0.3101, 0.3164**, and **25.0540, 0.2855, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **40.8818, 0.2763, 0.2560**, and if you desaturate by 10%, it is **64.3186, 0.3052, 0.3135**.

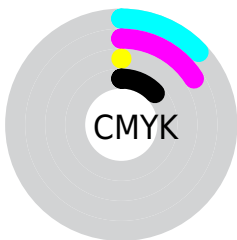
Distribution



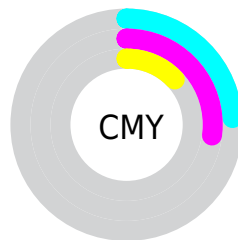
- Red (76%)
- Green (73%)
- Blue (87%)



- Red (76%)
- Yellow (73%)
- Blue (87%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (24%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7292, 0.2917, 0.2861 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 51.7292, 0.2917, 0.2861 by changing the saturation by 10% instead.

■ 51.7292, 0.2917,
0.2861

■ 51.7292, 0.2917,
0.2861

■ 393.3903, 0.3021,
0.3067

■ 36.7893, 0.2891,
0.2812

■ 92.7317, 0.2955,
0.2934

■ 25.0444, 0.2859,
0.2751

■ 119.5632, 0.2969,
0.2962

■ 16.1101, 0.2816,
0.2673

■ 151.1272, 0.2981,
0.2985

■ 9.6021, 0.2757,
0.2568

■ 187.8082, 0.2991,
0.3006

■ 5.1360, 0.2672,
0.2420

■ 229.9906, 0.3000,
0.3024

■ 2.3273, 0.2537,
0.2200

■ 278.0589, 0.3008,

■ 0.7881, 0.2302,

0.3040

0.1835

332.3973, 0.3015,
0.3054

0.0000, 0.0000,
0.0000

51.7292, 0.2917,
0.2861

51.7292, 0.2917,
0.2861

40.8818, 0.2763,
0.2560

64.3186, 0.3052,
0.3135

31.6930, 0.2593,
0.2236

78.7158, 0.3169,
0.3378

24.0821, 0.2409,
0.1899

94.9909, 0.3270,
0.3594

17.9590, 0.2218,
0.1566

98.0559, 0.3321,
0.3611

13.2245, 0.2032,
0.1258

■ 9.7668, 0.1862,
0.0996

■ 7.4568, 0.1721,
0.0800

■ 6.1346, 0.1617,
0.0680

■ 5.7942, 0.1586,
0.0647

Harmonies

Analogous

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



51.7292, 0.2720, 0.2869



51.7292, 0.2917, 0.2861



51.7292, 0.3178, 0.2957

Triad

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



51.7292, 0.2917, 0.2861



51.7292, 0.3649, 0.3564



51.7292, 0.2821, 0.3448

Complementary

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



51.7292, 0.2917, 0.2861



70.2574, 0.3318, 0.3698

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.



51.7292, 0.3060, 0.3660



51.7292, 0.2917, 0.2861



51.7292, 0.3542, 0.3718

Square

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



51.7292, 0.2917, 0.2861



51.7292, 0.3610, 0.3351



51.7292, 0.3324, 0.3758



51.7292, 0.2666, 0.3197

Rectangle

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



51.7292, 0.2917, 0.2861



51.7292, 0.3355, 0.3067



51.7292, 0.3324, 0.3758



51.7292, 0.2894, 0.3527

Sweetspot

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



51.7314, 0.2917, 0.2861



90.2375, 0.3067, 0.3165



64.5345, 0.2879, 0.3212



19.0318, 0.3058, 0.3147



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.



51.7314, 0.2917, 0.2861



66.2239, 0.2874, 0.2776



54.1858, 0.3055, 0.2878



13.3711, 0.3011, 0.3050



3.4769, 0.1596, 0.0653



0.2780, 0.1738, 0.0731

Inverse Universe

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



55.5592, 0.3200, 0.2965



72.2953, 0.3215, 0.2905



67.7328, 0.3188, 0.3715



13.8875, 0.3167, 0.3103



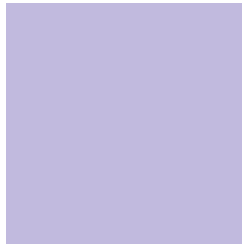
11.1683, 0.3770, 0.1851



0.7860, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 51.7292, 0.2917, 0.2861 looks on a white background.

Color Contrast Check

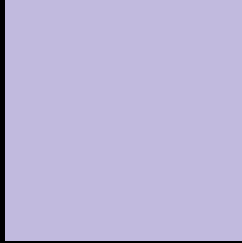
Large Text (above 18pt) WCAG AA × Fail

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 51.7292, 0.2917, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

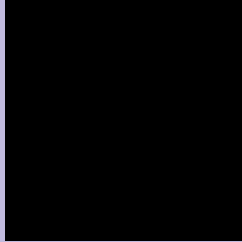
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7292, 0.2917, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 51.7292, 0.2917, 0.2861.



This preview shows how white text looks on a background with the Yxy color 51.7292, 0.2917, 0.2861.

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

51.7292, 0.2917, 0.2861

Protanopia

51.9674, 0.2837, 0.2868

Deuteranopia

51.8611, 0.2925, 0.2862



Tritanopia

51.7020, 0.3023, 0.3105

Trichromacy



Original Color

51.7292, 0.2917, 0.2861

Protanomaly

51.8589, 0.2866, 0.2869

Deuteranomaly

51.8611, 0.2925, 0.2862

Tritanomaly

51.7460, 0.2980, 0.3010

Monochromacy



Original Color

51.7292, 0.2917, 0.2861

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.3452, 0.3046, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7292, 0.2917, 0.2861 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(193, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 222)  
}
```

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(193, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 222) }
```

Border

The CSS property to change the border of an element to Yxy 51.7292, 0.2917, 0.2861 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(193, 186, 222) }
```

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

```
.border{ border-color:rgb(193, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 222);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7292, 0.2917, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 222) }
```

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

```
.background{ background-color: rgb(193,  
186, 222) }
```

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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