

Converting Colors

$Yxy(51.8791, 0.2910, 0.2977)$

Have a look what the booklet for
Yxy(51.8791, 0.2910, 0.2977)
contains.

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Color

Yxy(51.7406, 0.2914, 0.2973)

Conversions

Conversions Part 1

Format	Color
Hex	BABDD7
RGB	186, 189, 215
RGB Percent	73%, 74%, 84%
CMY	0.2705, 0.2588, 0.1570
CMYK	0.13, 0.12, 0.00, 0.16
HSL	234°, 27%, 79%
HSV	234°, 13%, 84%
XYZ	50.7138, 51.7406, 71.5806
YIQ	191.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

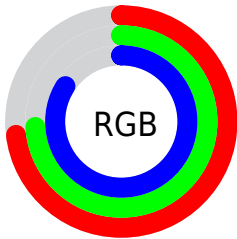
Format	Color
R_{YB}	186, 189, 215
Decimal	12238295
CIE _{Lab}	77.13, 4.14, -13.34
CIE _{LCh}	77, 13.969, 287.223
Yxy	51.7406, 0.2914, 0.2973
Android (android.graphics.Color)	4290428375 (0xFFBABDD7)
YUV	191.0670, 11.7990, -4.4438
Hunter-Lab	71.9309, -0.0305, -8.6496

Details

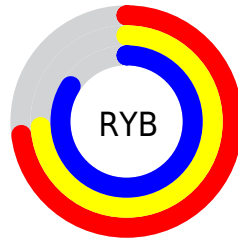
The Yxy color **51.7406, 0.2914, 0.2973** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.0707, 0.3332, 0.3588**, and the grayscale version is **52.0782, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4021, 0.3049, 0.3192**, and **25.1329, 0.2861, 0.2897** is the 20% darker color. If you saturate the color by 10%, you get **41.4962, 0.2735, 0.2702**, and if you desaturate by 10%, it is **63.4977, 0.3075, 0.3214**.

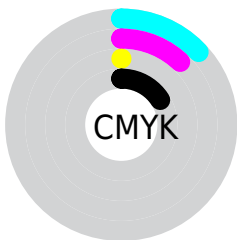
Distribution



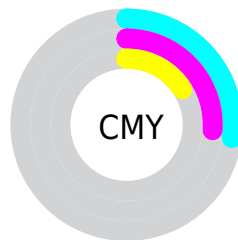
- Red (73%)
- Green (74%)
- Blue (84%)



- Red (73%)
- Yellow (74%)
- Blue (84%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (16%)



- Cyan (27%)
- Magenta (26%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7406, 0.2914, 0.2973 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 51.7406, 0.2914, 0.2973 by changing the saturation by 10% instead.

■ 51.7406, 0.2914,
0.2973

■ 51.7406, 0.2914,
0.2973

393.4344, 0.3019,
0.3127

■ 36.7984, 0.2888,
0.2936

■ 92.7486, 0.2952,
0.3028

■ 25.0514, 0.2856,
0.2890

119.5831, 0.2966,
0.3049

■ 16.1154, 0.2813,
0.2829

151.1505, 0.2978,
0.3066

■ 9.6058, 0.2755,
0.2747

187.8351, 0.2988,
0.3082

■ 5.1384, 0.2671,
0.2630

230.0214, 0.2998,
0.3095

■ 2.3287, 0.2538,
0.2451

278.0938, 0.3005,

■ 0.7888, 0.2305,

0.3107

0.2137

332.4367, 0.3013,
0.3117

0.0000, 0.0000,
0.0000

51.7406, 0.2914,
0.2973

51.7406, 0.2914,
0.2973

41.4962, 0.2735,
0.2702

63.4977, 0.3075,
0.3214

32.6968, 0.2541,
0.2404

76.8187, 0.3219,
0.3425

25.2791, 0.2338,
0.2084

91.7605, 0.3345,
0.3608

19.1726, 0.2133,
0.1756

97.6846, 0.3364,
0.3681

14.3006, 0.1940,
0.1435

■ 10.5781, 0.1770,
0.1145

■ 7.9096, 0.1638,
0.0907

■ 6.1834, 0.1552,
0.0736

■ 5.4823, 0.1518,
0.0663

Harmonies

Analogous

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



51.7406, 0.2798, 0.3013



51.7406, 0.2914, 0.2973



51.7406, 0.3089, 0.3013

Triad

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



51.7406, 0.2914, 0.2973



51.7406, 0.3500, 0.3433



51.7406, 0.2971, 0.3467

Complementary

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



51.7406, 0.2914, 0.2973



65.0707, 0.3332, 0.3588

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.



51.7406, 0.3156, 0.3589



51.7406, 0.2914, 0.2973



51.7406, 0.3465, 0.3562

Square

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



51.7406, 0.2914, 0.2973



51.7406, 0.3432, 0.3273



51.7406, 0.3338, 0.3622



51.7406, 0.2831, 0.3296

Rectangle

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



51.7406, 0.2914, 0.2973



51.7406, 0.3218, 0.3079



51.7406, 0.3338, 0.3622



51.7406, 0.3030, 0.3516

Sweetspot

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



51.7428, 0.2914, 0.2973



92.4161, 0.3067, 0.3201



63.7589, 0.2944, 0.3330



19.4846, 0.3055, 0.3183



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.



51.7428, 0.2914, 0.2973



71.8941, 0.2868, 0.2903



51.9198, 0.3000, 0.2945



12.2121, 0.2981, 0.3074



3.3532, 0.1521, 0.0676



0.2738, 0.1578, 0.0880

Inverse Universe

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



53.2449, 0.3349, 0.3256



74.5371, 0.3401, 0.3248



64.9494, 0.3243, 0.3630



12.4413, 0.3275, 0.3266



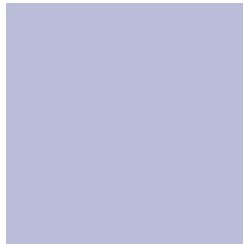
8.6834, 0.6272, 0.3229



0.5310, 0.5943, 0.3047

Previews

White Background



This preview shows how the Yxy color 51.7406, 0.2914, 0.2973 looks on a white background.

Color Contrast Check

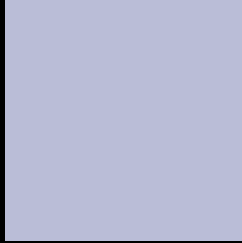
Large Text (above 18pt) WCAG AA × Fail

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 51.7406, 0.2914, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

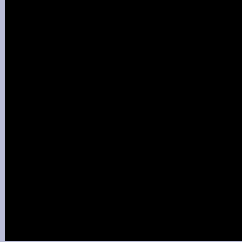
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7406, 0.2914, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 51.7406, 0.2914, 0.2973.



This preview shows how white text looks on a background with the Yxy color 51.7406, 0.2914, 0.2973.

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

51.7406, 0.2914, 0.2973

Protanopia

51.7406, 0.2914, 0.2973

Deuteranopia

51.5261, 0.2991, 0.2921



Tritanopia

51.9082, 0.2962, 0.3104

Trichromacy



Original Color

51.7406, 0.2914, 0.2973

Protanomaly

51.7406, 0.2914, 0.2973

Deuteranomaly

51.4131, 0.2960, 0.2929

Tritanomaly

51.7446, 0.2948, 0.3055

Monochromacy



Original Color

51.7406, 0.2914, 0.2973

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8159, 0.3044, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7406, 0.2914, 0.2973 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(186, 189, 215)` looks like.

```
.text, #text, p{  
    color:rgb(186, 189, 215)  
}
```

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(186, 189, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 189, 215) }
```

Border

The CSS property to change the border of an element to Yxy 51.7406, 0.2914, 0.2973 is called "border". The border property can be set on classes, ids or directly on the HTML element.

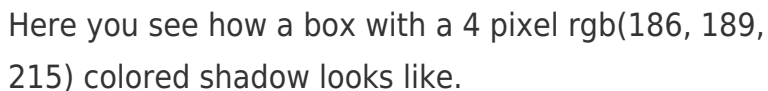
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 189, 215) }
```

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

```
.border{ border-color:rgb(186, 189, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 189, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 189, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 189, 215);  
box-shadow:4px 4px 4px 4px rgb(186, 189,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7406, 0.2914, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 189, 215) }
```

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

```
.background{ background-color: rgb(186,  
189, 215) }
```

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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