

Converting Colors

Yxy(51.4621, 0.2917, 0.2964)

Have a look what the booklet for
Yxy(51.4621, 0.2917, 0.2964)
contains.

Yxy(51.3118, 0.2913, 0.2960)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.3118, 0.2913, 0.2960)

Conversions

Conversions Part 1

Format	Color
Hex	BABCD7
RGB	186, 188, 215
RGB Percent	73%, 74%, 84%
CMY	0.2706, 0.2627, 0.1568
CMYK	0.14, 0.13, 0.00, 0.16
HSL	236°, 27%, 79%
HSV	236°, 14%, 84%
XYZ	50.4971, 51.3118, 71.5418
YIQ	190.4800, -9.8590, 7.9730

Conversions

Conversions Part 2

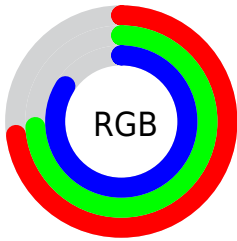
Format	Color
R _Y B	186, 188, 215
Decimal	12238039
CIE Lab	76.87, 4.67, -13.76
CIE LCh	77, 14.527, 288.750
Yxy	51.3118, 0.2913, 0.2960
Android (android.graphics.Color)	4290428119 (0xFFBABCD7)
YUV	190.4800, 12.0884, -3.9290
Hunter-Lab	71.6323, 0.4769, -9.0726

Details

The Yxy color **51.3118, 0.2913, 0.2960** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.5787, 0.3331, 0.3600**, and the grayscale version is **51.7171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7986, 0.3049, 0.3182**, and **24.8526, 0.2860, 0.2880** is the 20% darker color. If you saturate the color by 10%, you get **40.8577, 0.2733, 0.2679**, and if you desaturate by 10%, it is **63.3599, 0.3075, 0.3210**.

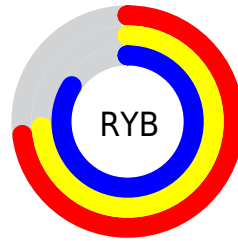
Distribution



Red (73%)

Green (74%)

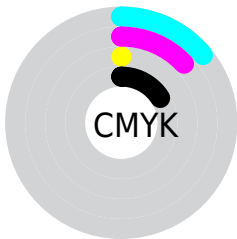
Blue (84%)



Red (73%)

Yellow (74%)

Blue (84%)

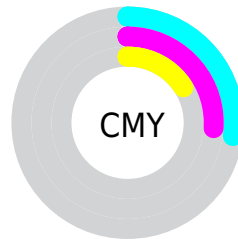


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (16%)



Cyan (27%)

Magenta (26%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3118, 0.2913, 0.2960 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 51.3118, 0.2913, 0.2960 by changing the saturation by 10% instead.

■ 51.3118, 0.2913,
0.2960

■ 51.3118, 0.2913,
0.2960

■ 391.7740, 0.3018,
0.3120

■ 36.4568, 0.2887,
0.2922

■ 92.1155, 0.2951,
0.3017

■ 24.7872, 0.2854,
0.2873

■ 118.8330, 0.2965,
0.3039

■ 15.9186, 0.2811,
0.2810

■ 150.2735, 0.2977,
0.3057

■ 9.4666, 0.2752,
0.2725

■ 186.8213, 0.2988,
0.3073

■ 5.0467, 0.2667,
0.2603

■ 228.8608, 0.2997,
0.3087

■ 2.2747, 0.2532,
0.2417

■ 276.7766, 0.3005,

■ 0.7603, 0.2296,

0.3099

0.2086

330.9528, 0.3012,
0.3110

0.0000, 0.0000,
0.0000

51.3118, 0.2913,
0.2960

51.3118, 0.2913,
0.2960

40.8577, 0.2733,
0.2679

63.3599, 0.3075,
0.3210

31.9249, 0.2536,
0.2369

77.0583, 0.3218,
0.3429

24.4441, 0.2330,
0.2038

92.4681, 0.3343,
0.3618

18.3387, 0.2122,
0.1700

97.6871, 0.3363,
0.3681

13.5245, 0.1925,
0.1375

■ 9.9086, 0.1755,
0.1085

■ 7.3851, 0.1624,
0.0855

■ 5.8296, 0.1542,
0.0699

■ 5.2480, 0.1511,
0.0637

Harmonies

Analogous

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



51.3118, 0.2789, 0.2997



51.3118, 0.2913, 0.2960



51.3118, 0.3098, 0.3006

Triad

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



51.3118, 0.2913, 0.2960



51.3118, 0.3517, 0.3447



51.3118, 0.2956, 0.3467

Complementary

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



51.3118, 0.2913, 0.2960



65.5787, 0.3331, 0.3600

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.



51.3118, 0.3147, 0.3598



51.3118, 0.2913, 0.2960



51.3118, 0.3475, 0.3579

Square

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



51.3118, 0.2913, 0.2960



51.3118, 0.3451, 0.3281



51.3118, 0.3338, 0.3637



51.3118, 0.2813, 0.3287

Rectangle

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



51.3118, 0.2913, 0.2960



51.3118, 0.3231, 0.3077



51.3118, 0.3338, 0.3637



51.3118, 0.3016, 0.3518

Sweetspot

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



51.3139, 0.2913, 0.2960



92.2106, 0.3067, 0.3197



63.8293, 0.2938, 0.3318



19.4328, 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.



51.3139, 0.2913, 0.2960



71.1935, 0.2867, 0.2888



52.0355, 0.3007, 0.2945



12.1462, 0.2981, 0.3066



3.1951, 0.1513, 0.0648



0.2425, 0.1554, 0.0793

Inverse Universe

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



53.1921, 0.3357, 0.3267



74.4664, 0.3411, 0.3262



64.8381, 0.3236, 0.3632



12.4347, 0.3280, 0.3274



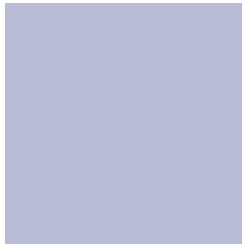
8.6674, 0.6320, 0.3255



0.5278, 0.6081, 0.3124

Previews

White Background



This preview shows how the Yxy color 51.3118, 0.2913, 0.2960 looks on a white background.

Color Contrast Check

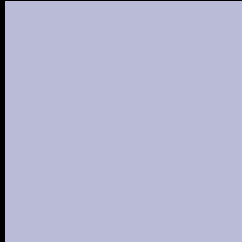
Large Text (above 18pt) WCAG AA × Fail

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 51.3118, 0.2913, 0.2960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

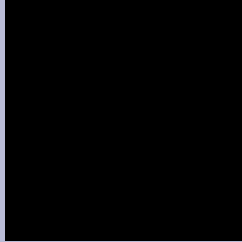
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

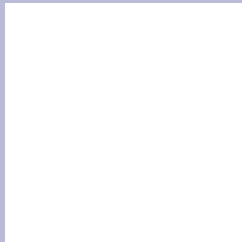
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3118, 0.2913, 0.2960

Background



This preview shows how black text looks on a background with the Yxy color 51.3118, 0.2913, 0.2960.



This preview shows how white text looks on a background with the Yxy color 51.3118, 0.2913, 0.2960.

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

51.3118, 0.2913, 0.2960

Protanopia

51.1870, 0.2906, 0.2959

Deuteranopia

51.3916, 0.2983, 0.2920



Tritanopia

51.4250, 0.2969, 0.3103

Trichromacy



Original Color

51.3118, 0.2913, 0.2960

Protanomaly

51.1870, 0.2906, 0.2959

Deuteranomaly

51.2821, 0.2952, 0.2929

Tritanomaly

51.3129, 0.2948, 0.3043

Monochromacy



Original Color

51.3118, 0.2913, 0.2960

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3375, 0.3052, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3118, 0.2913, 0.2960 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, 188, 215)` looks like.

```
.text, #text, p{  
    color:rgb(186, 188, 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, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 188, 215) }
```

Border

The CSS property to change the border of an element to Yxy 51.3118, 0.2913, 0.2960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

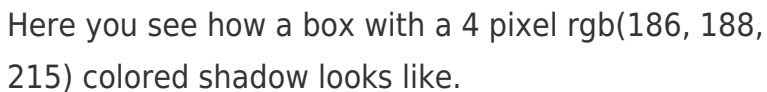
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 188, 215) }
```

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

```
.border{ border-color:rgb(186, 188, 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, 188, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 188, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 188, 215); box-shadow:4px 4px 4px 4px rgb(186, 188, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3118, 0.2913, 0.2960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 188, 215) }
```

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

```
.background{ background-color: rgb(186,  
188, 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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