

Converting Colors

Yxy(51.7710, 0.2710, 0.2596)

Have a look what the booklet for
Yxy(51.7710, 0.2710, 0.2596)
contains.

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Color

Yxy(51.7296, 0.2713, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	BAB9F5
RGB	186, 185, 245
RGB Percent	73%, 73%, 96%
CMY	0.2706, 0.2745, 0.0392
CMYK	0.24, 0.24, 0.00, 0.04
HSL	241°, 75%, 84%
HSV	241°, 24%, 96%
XYZ	54.0819, 51.7296, 93.5319
YIQ	192.1390, -18.6640, 18.8720

Conversions

Conversions Part 2

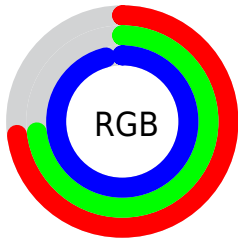
Format	Color
R _Y B	186, 185, 245
Decimal	12237301
CIE Lab	77.12, 12.95, -29.57
CIE LCh	77, 32.283, 293.651
Yxy	51.7296, 0.2713, 0.2595
Android (android.graphics.Color)	4290427381 (0xFFBAB9F5)
YUV	192.1390, 26.0605, -5.3839
Hunter-Lab	71.9233, 8.3552, -26.7568

Details

The Yxy color **51.7296, 0.2713, 0.2595** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.0525, 0.3491, 0.3904**, and the grayscale version is **52.6524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1853, 0.3056, 0.3152**, and **25.0822, 0.2602, 0.2421** is the 20% darker color. If you saturate the color by 10%, you get **39.5809, 0.2511, 0.2258**, and if you desaturate by 10%, it is **66.1575, 0.2897, 0.2903**.

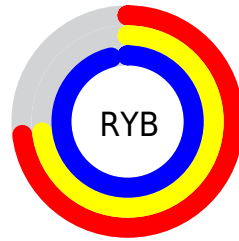
Distribution



Red (73%)

Green (73%)

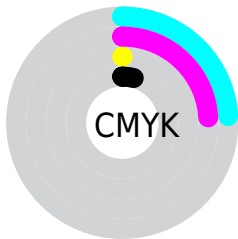
Blue (96%)



Red (73%)

Yellow (73%)

Blue (96%)

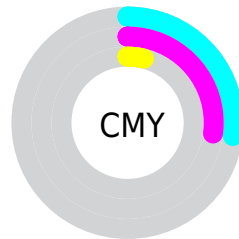


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (27%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.7296, 0.2713, 0.2595 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 51.7296, 0.2713, 0.2595 by changing the saturation by 10% instead.

■ 51.7296, 0.2713,
0.2595

■ 51.7296, 0.2713,
0.2595

■ 393.3918, 0.2916,
0.2922

■ 36.7896, 0.2664,
0.2520

■ 92.7323, 0.2786,
0.2709

■ 25.0446, 0.2602,
0.2426

■ 119.5639, 0.2813,
0.2753

■ 16.1103, 0.2522,
0.2308

■ 151.1280, 0.2837,
0.2791

■ 9.6022, 0.2415,
0.2154

■ 187.8091, 0.2857,
0.2824

■ 5.1360, 0.2265,
0.1947

■ 229.9917, 0.2875,
0.2853

■ 2.3273, 0.2042,
0.1655

■ 278.0601, 0.2890,

■ 0.7881, 0.1688,

0.2879

0.1226

332.3987, 0.2904,
0.2902

0.0000, 0.0067,
0.0000

0.0000, 0.0000,
0.0000

51.7296, 0.2713,
0.2595

51.7296, 0.2713,
0.2595

39.5809, 0.2511,
0.2258

66.1575, 0.2897,
0.2903

29.5892, 0.2298,
0.1902

82.9663, 0.3061,
0.3178

21.6302, 0.2084,
0.1547

99.3735, 0.3185,
0.3386

15.5645, 0.1884,
0.1218

■ 11.2351, 0.1716,
0.0943

■ 8.4599, 0.1593,
0.0744

■ 7.0165, 0.1523,
0.0634

■ 6.6199, 0.1504,
0.0602

Harmonies

Analogous

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



51.7296, 0.2431, 0.2627



51.7296, 0.2713, 0.2595



51.7296, 0.3123, 0.2722

Triad

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



51.7296, 0.2713, 0.2595



51.7296, 0.3998, 0.3658



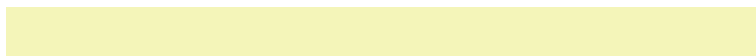
51.7296, 0.2684, 0.3626

Complementary

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



51.7296, 0.2713, 0.2595



88.0525, 0.3491, 0.3904

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.



51.7296, 0.3083, 0.3966



51.7296, 0.2713, 0.2595



51.7296, 0.3852, 0.3947

Square

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



51.7296, 0.2713, 0.2595



51.7296, 0.3892, 0.3309



51.7296, 0.3512, 0.4077



51.7296, 0.2414, 0.3195

Rectangle

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



51.7296, 0.2713, 0.2595



51.7296, 0.3421, 0.2880



51.7296, 0.3512, 0.4077



51.7296, 0.2807, 0.3758

Sweetspot

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



51.7317, 0.2713, 0.2595



85.9570, 0.3021, 0.3112



81.6184, 0.2765, 0.3278



18.1525, 0.3012, 0.3096



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.



51.7317, 0.2713, 0.2595



50.2678, 0.2623, 0.2444



55.8924, 0.2932, 0.2637



15.9399, 0.2982, 0.3045



3.5716, 0.1505, 0.0603



0.3185, 0.1518, 0.0610

Inverse Universe

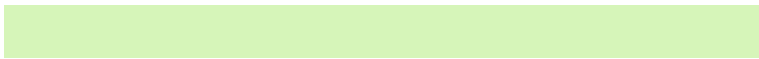
The Inverse Universe completely reimagines the original color for something new.



60.6464, 0.3163, 0.2689



61.4689, 0.3170, 0.2577



83.1143, 0.3284, 0.3947



16.7633, 0.3141, 0.3061



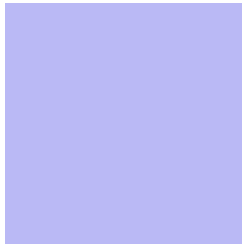
13.8786, 0.3251, 0.1565



1.2213, 0.3246, 0.1562

Previews

White Background



This preview shows how the Yxy color 51.7296, 0.2713, 0.2595 looks on a white background.

Color Contrast Check

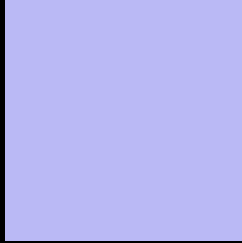
Large Text (above 18pt) WCAG AA × Fail

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 51.7296, 0.2713, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

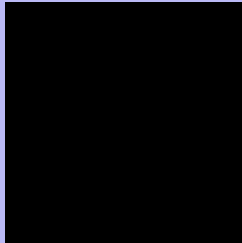
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.7296, 0.2713, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 51.7296, 0.2713, 0.2595.

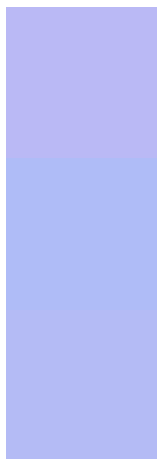


This preview shows how white text looks on a background with the Yxy color 51.7296, 0.2713, 0.2595.

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

51.7296, 0.2713, 0.2595

Protanopia

51.7958, 0.2629, 0.2597

Deuteranopia

51.8365, 0.2674, 0.2611



Tritanopia

51.7880, 0.2917, 0.3102

Trichromacy



Original Color

51.7296, 0.2713, 0.2595

Protanomaly

51.7782, 0.2661, 0.2600

Deuteranomaly

51.6555, 0.2686, 0.2602

Tritanomaly

51.5607, 0.2843, 0.2900

Monochromacy



Original Color

51.7296, 0.2713, 0.2595

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.0455, 0.2973, 0.3022

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.7296, 0.2713, 0.2595 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, 185, 245)` looks like.

```
.text, #text, p{  
    color:rgb(186, 185, 245)  
}
```

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, 185, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 185, 245) }
```

Border

The CSS property to change the border of an element to Yxy 51.7296, 0.2713, 0.2595 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, 185, 245) }
```

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

```
.border{ border-color:rgb(186, 185, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 185, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 185, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 185, 245);  
box-shadow:4px 4px 4px 4px rgb(186, 185,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 51.7296, 0.2713, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 185, 245) }
```

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

```
.background{ background-color: rgb(186,  
185, 245) }
```

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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