

Converting Colors

$Yxy(53.5799, 0.2871, 0.2811)$

Have a look what the booklet for
Yxy(53.5799, 0.2871, 0.2811)
contains.

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Color

Yxy(53.5777, 0.2871, 0.2811)

Conversions

Conversions Part 1

Format	Color
Hex	C2BDE6
RGB	194, 189, 230
RGB Percent	76%, 74%, 90%
CMY	0.2393, 0.2588, 0.0981
CMYK	0.16, 0.18, 0.00, 0.10
HSL	247°, 45%, 82%
HSV	247°, 18%, 90%
XYZ	54.7213, 53.5777, 82.3011
YIQ	195.1690, -10.1810, 13.8110

Conversions

Conversions Part 2

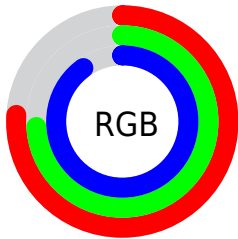
Format	Color
RYB	194, 189, 230
Decimal	12762598
CIELab	78.21, 9.85, -19.75
CIElCh	78, 22.067, 296.519
Yxy	53.5777, 0.2871, 0.2811
Android (android.graphics.Color)	4290952678 (0xFFC2BDE6)
YUV	195.1690, 17.1717, -1.0252
Hunter-Lab	73.1968, 5.3507, -15.4268

Details

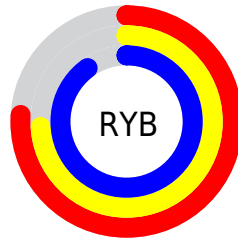
The Yxy color **53.5777, 0.2871, 0.2811** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.2639, 0.3358, 0.3737**, and the grayscale version is **54.5785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0340, 0.3106, 0.3194**, and **26.2398, 0.2805, 0.2700** is the 20% darker color. If you saturate the color by 10%, you get **41.9626, 0.2700, 0.2500**, and if you desaturate by 10%, it is **67.1296, 0.3022, 0.3092**.

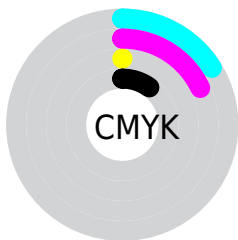
Distribution



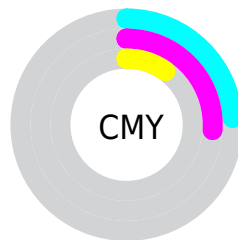
- Red (76%)
- Green (74%)
- Blue (90%)



- Red (76%)
- Yellow (74%)
- Blue (90%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (26%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.5777, 0.2871, 0.2811 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 53.5777, 0.2871, 0.2811 by changing the saturation by 10% instead.

■ 53.5777, 0.2871,
0.2811

■ 53.5777, 0.2871,
0.2811

400.4976, 0.2997,
0.3039

■ 38.2641, 0.2840,
0.2758

■ 95.4539, 0.2916,
0.2891

■ 26.1878, 0.2802,
0.2691

122.7854, 0.2933,
0.2922

■ 16.9642, 0.2751,
0.2606

154.8915, 0.2948,
0.2948

■ 10.2089, 0.2682,
0.2493

192.1569, 0.2960,
0.2971

■ 5.5377, 0.2584,
0.2337

234.9658, 0.2971,
0.2991

■ 2.5661, 0.2433,
0.2108

283.7026, 0.2981,

■ 0.9096, 0.2176,

0.3009

0.1747

338.7517, 0.2989,
0.3024

0.0000, 0.0428,
0.0000

0.0000, 0.0000,
0.0000

53.5777, 0.2871,
0.2811

53.5777, 0.2871,
0.2811

41.9626, 0.2700,
0.2500

67.1296, 0.3022,
0.3092

32.1894, 0.2513,
0.2166

82.6943, 0.3154,
0.3342

24.1650, 0.2314,
0.1820

98.4179, 0.3271,
0.3533

17.7856, 0.2113,
0.1481

98.4918, 0.3274,
0.3533

■ 12.9363, 0.1924,
0.1172

■ 9.4875, 0.1759,
0.0918

■ 7.2874, 0.1633,
0.0737

■ 6.1329, 0.1551,
0.0637

■ 5.9568, 0.1538,
0.0621

Harmonies

Analogous

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



53.5777, 0.2662, 0.2828



53.5777, 0.2871, 0.2811



53.5777, 0.3158, 0.2909

Triad

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



53.5777, 0.2871, 0.2811



53.5777, 0.3712, 0.3574



53.5777, 0.2805, 0.3489

Complementary

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



53.5777, 0.2871, 0.2811



76.2639, 0.3358, 0.3737

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.



53.5777, 0.3076, 0.3719



53.5777, 0.2871, 0.2811



53.5777, 0.3604, 0.3755

Square

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



53.5777, 0.2871, 0.2811



53.5777, 0.3655, 0.3335



53.5777, 0.3369, 0.3815



53.5777, 0.2625, 0.3208

Rectangle

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



53.5777, 0.2871, 0.2811



53.5777, 0.3356, 0.3026



53.5777, 0.3369, 0.3815



53.5777, 0.2888, 0.3576

Sweetspot

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



53.5799, 0.2871, 0.2811



90.0697, 0.3061, 0.3165



70.4892, 0.2857, 0.3235



18.9911, 0.3051, 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.



53.5799, 0.2871, 0.2811



62.6046, 0.2817, 0.2711



56.4507, 0.3025, 0.2832



13.9704, 0.2999, 0.3048



3.4009, 0.1546, 0.0625



0.2789, 0.1645, 0.0680

Inverse Universe

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



58.6573, 0.3185, 0.2900



70.0524, 0.3197, 0.2826



73.1934, 0.3213, 0.3758



14.5836, 0.3156, 0.3086



11.9540, 0.3540, 0.1724



0.8919, 0.3485, 0.1693

Previews

White Background



This preview shows how the Yxy color 53.5777, 0.2871, 0.2811 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 53.5777, 0.2871, 0.2811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

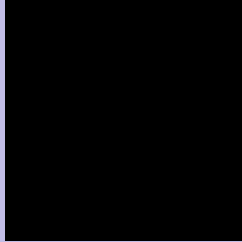
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5777, 0.2871, 0.2811

Background



This preview shows how black text looks on a background with the Yxy color 53.5777, 0.2871, 0.2811.



This preview shows how white text looks on a background with the Yxy color 53.5777, 0.2871, 0.2811.

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

53.5777, 0.2871, 0.2811

Protanopia

53.8398, 0.2794, 0.2816

Deuteranopia

53.5777, 0.2871, 0.2811



Tritanopia

53.6411, 0.2994, 0.3107

Trichromacy



Original Color

53.5777, 0.2871, 0.2811

Protanomaly

53.7225, 0.2822, 0.2818

Deuteranomaly

53.5777, 0.2871, 0.2811

Tritanomaly

53.7335, 0.2945, 0.3002

Monochromacy



Original Color

53.5777, 0.2871, 0.2811

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.2961, 0.3033, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5777, 0.2871, 0.2811 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(194, 189, 230)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 230)  
}
```

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(194, 189, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 230) }
```

Border

The CSS property to change the border of an element to Yxy 53.5777, 0.2871, 0.2811 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(194, 189, 230) }
```

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

```
.border{ border-color:rgb(194, 189, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 189, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 230);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5777, 0.2871, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 230) }
```

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

```
.background{ background-color: rgb(194,  
189, 230) }
```

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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