

Converting Colors

Yxy(53.9012, 0.2900, 0.2869)

Have a look what the booklet for
Yxy(53.9012, 0.2900, 0.2869)
contains.

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Color

Yxy(53.7872, 0.2899, 0.2866)

Conversions

Conversions Part 1

Format	Color
Hex	C2BEE2
RGB	194, 190, 226
RGB Percent	76%, 75%, 89%
CMY	0.2389, 0.2550, 0.1136
CMYK	0.14, 0.16, 0.00, 0.11
HSL	247°, 38%, 82%
HSV	247°, 16%, 89%
XYZ	54.4065, 53.7872, 79.4797
YIQ	195.3000, -9.1720, 12.0440

Conversions

Conversions Part 2

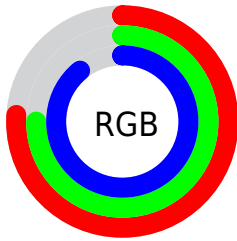
Format	Color
RYB	194, 190, 226
Decimal	12762850
CIELab	78.34, 8.53, -17.43
CIELCh	78, 19.401, 296.067
Yxy	53.7872, 0.2899, 0.2866
Android (android.graphics.Color)	4290952930 (0xFFC2BEE2)
YUV	195.3000, 15.1351, -1.1401
Hunter-Lab	73.3398, 4.0742, -12.9159

Details

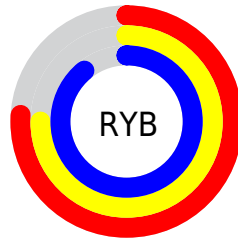
The Yxy color $53.7872, 0.2899, 0.2866$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $73.6366, 0.3336, 0.3689$, and the grayscale version is $54.6813, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.6408, 0.3106, 0.3203$, and $26.4070, 0.2833, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $42.2722, 0.2731, 0.2560$, and if you desaturate by 10%, it is $67.1819, 0.3048, 0.3141$.

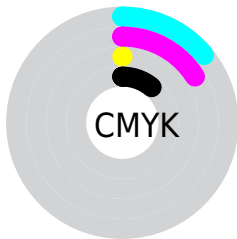
Distribution



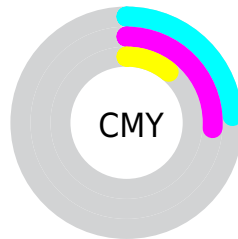
- Red (76%)
- Green (75%)
- Blue (89%)



- Red (76%)
- Yellow (75%)
- Blue (89%)



- Cyan (14%)
- Magenta (16%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.7872, 0.2899, 0.2866 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 53.7872, 0.2899, 0.2866 by changing the saturation by 10% instead.

■ 53.7872, 0.2899,
0.2866

■ 53.7872, 0.2899,
0.2866

401.2980, 0.3011,
0.3068

■ 38.4316, 0.2872,
0.2818

■ 95.7617, 0.2939,
0.2937

■ 26.3178, 0.2837,
0.2759

123.1494, 0.2954,
0.2965

■ 17.0615, 0.2792,
0.2683

155.3165, 0.2967,
0.2988

■ 10.2784, 0.2731,
0.2581

192.6475, 0.2979,
0.3008

■ 5.5839, 0.2643,
0.2439

235.5268, 0.2988,
0.3026

■ 2.5938, 0.2507,
0.2229

284.3387, 0.2997,

■ 0.9235, 0.2272,

0.3042

0.1891

339.4676, 0.3004,
0.3056

0.0000, 0.0315,
0.0000

0.0000, 0.0000,
0.0000

53.7872, 0.2899,
0.2866

53.7872, 0.2899,
0.2866

42.2722, 0.2731,
0.2560

67.1819, 0.3048,
0.3141

32.5464, 0.2545,
0.2229

82.5284, 0.3177,
0.3385

24.5216, 0.2347,
0.1884

98.1141, 0.3292,
0.3572

18.0996, 0.2145,
0.1542

98.2721, 0.3297,
0.3572

■ 13.1721, 0.1952,
0.1225

■ 9.6171, 0.1782,
0.0958

■ 7.2937, 0.1648,
0.0763

■ 6.0287, 0.1560,
0.0649

■ 5.7084, 0.1535,
0.0619

Harmonies

Analogous

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



53.7872, 0.2715, 0.2885



53.7872, 0.2899, 0.2866



53.7872, 0.3151, 0.2951

Triad

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



53.7872, 0.2899, 0.2866



53.7872, 0.3641, 0.3540



53.7872, 0.2848, 0.3468

Complementary

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



53.7872, 0.2899, 0.2866



73.6366, 0.3336, 0.3689

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.



53.7872, 0.3087, 0.3666



53.7872, 0.2899, 0.2866



53.7872, 0.3549, 0.3698

Square

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



53.7872, 0.2899, 0.2866



53.7872, 0.3588, 0.3328



53.7872, 0.3344, 0.3750



53.7872, 0.2686, 0.3223

Rectangle

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



53.7872, 0.2899, 0.2866



53.7872, 0.3325, 0.3054



53.7872, 0.3344, 0.3750



53.7872, 0.2921, 0.3543

Sweetspot

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



53.7894, 0.2899, 0.2866



90.0531, 0.3060, 0.3165



68.9001, 0.2885, 0.3248



18.9871, 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.



53.7894, 0.2899, 0.2866



65.6352, 0.2848, 0.2772



56.2473, 0.3033, 0.2883



13.3177, 0.2998, 0.3049



3.2818, 0.1542, 0.0623



0.2527, 0.1642, 0.0678

Inverse Universe

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



58.2584, 0.3176, 0.2940



72.5375, 0.3187, 0.2868



71.0136, 0.3209, 0.3705



13.9073, 0.3155, 0.3085



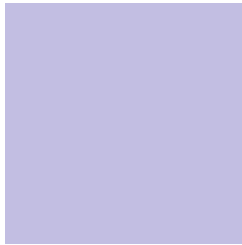
11.6215, 0.3518, 0.1711



0.8133, 0.3464, 0.1682

Previews

White Background



This preview shows how the Yxy color 53.7872, 0.2899, 0.2866 looks on a white background.

Color Contrast Check

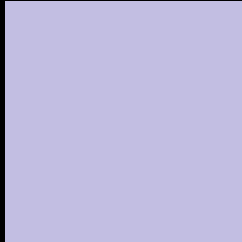
Large Text (above 18pt) WCAG AA × Fail

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 53.7872, 0.2899, 0.2866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

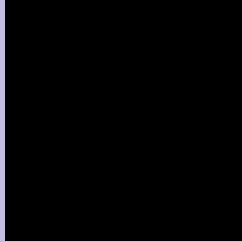
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7872, 0.2899, 0.2866

Background



This preview shows how black text looks on a background with the Yxy color 53.7872, 0.2899, 0.2866.



This preview shows how white text looks on a background with the Yxy color 53.7872, 0.2899, 0.2866.

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

53.7872, 0.2899, 0.2866

Protanopia

53.8101, 0.2841, 0.2873

Deuteranopia

53.7565, 0.2921, 0.2857



Tritanopia

53.7704, 0.3002, 0.3108

Trichromacy



Original Color

53.7872, 0.2899, 0.2866

Protanomaly

53.7548, 0.2863, 0.2864

Deuteranomaly

53.6219, 0.2913, 0.2856

Tritanomaly

53.8120, 0.2960, 0.3014

Monochromacy



Original Color

53.7872, 0.2899, 0.2866

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1983, 0.3047, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7872, 0.2899, 0.2866 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, 190, 226)` looks like.

```
.text, #text, p{  
    color:rgb(194, 190, 226)  
}
```

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, 190, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 190, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.7872, 0.2899, 0.2866 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, 190, 226) }
```

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

```
.border{ border-color:rgb(194, 190, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 190, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 190, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 190, 226); box-shadow:4px 4px 4px 4px rgb(194, 190, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7872, 0.2899, 0.2866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 190, 226) }
```

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

```
.background{ background-color: rgb(194,  
190, 226) }
```

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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