

Converting Colors

$Yxy(60.6388, 0.2851, 0.2879)$

Have a look what the booklet for
Yxy(60.6388, 0.2851, 0.2879)
contains.

Yxy(60.4788, 0.2848, 0.2871)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4788, 0.2848, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	C6CAEF
RGB	198, 202, 239
RGB Percent	78%, 79%, 94%
CMY	0.2234, 0.2079, 0.0627
CMYK	0.17, 0.15, 0.00, 0.06
HSL	234°, 56%, 86%
HSV	234°, 17%, 94%
XYZ	59.9943, 60.4788, 90.1810
YIQ	205.0220, -14.2610, 10.6590

Conversions

Conversions Part 2

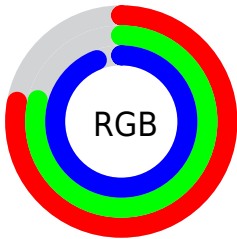
Format	Color
R _Y B	198, 202, 239
Decimal	13028079
CIE Lab	82.10, 6.07, -18.69
CIE LCh	82, 19.650, 287.992
Yxy	60.4788, 0.2848, 0.2871
Android (android.graphics.Color)	4291218159 (0xFFC6CAEF)
YUV	205.0220, 16.7512, -6.1583
Hunter-Lab	77.7681, 1.6098, -14.3159

Details

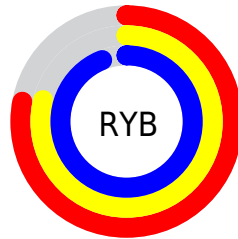
The Yxy color **60.4788, 0.2848, 0.2871** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.8685, 0.3392, 0.3677**, and the grayscale version is **60.9669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5280, 0.2779, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **48.0553, 0.2662, 0.2586**, and if you desaturate by 10%, it is **74.8363, 0.3017, 0.3126**.

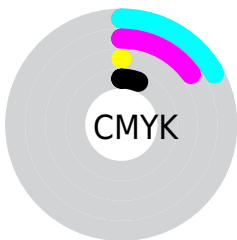
Distribution



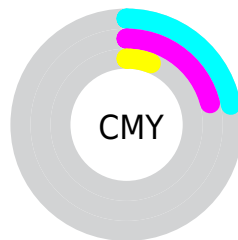
- Red (78%)
- Green (79%)
- Blue (94%)



- Red (78%)
- Yellow (79%)
- Blue (94%)



- Cyan (17%)
- Magenta (15%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4788, 0.2848, 0.2871 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 60.4788, 0.2848, 0.2871 by changing the saturation by 10% instead.

■ 60.4788, 0.2848,
0.2871

■ 60.4788, 0.2848,
0.2871

426.3604, 0.2981,
0.3067

■ 43.8047, 0.2817,
0.2826

105.5239, 0.2895,
0.2940

■ 30.5170, 0.2777,
0.2769

134.6637, 0.2913,
0.2966

■ 20.2313, 0.2727,
0.2698

168.7275, 0.2929,
0.2989

■ 12.5633, 0.2659,
0.2604

208.0997, 0.2942,
0.3009

■ 7.1285, 0.2566,
0.2475

253.1647, 0.2954,
0.3026

■ 3.5426, 0.2427,
0.2290

304.3069, 0.2964,

■ 1.4212, 0.2202,

0.3041

0.2001

361.9106, 0.2973,
0.3055

0.2322, 0.1610,
0.1014

0.0000, 0.0000,
0.0000

60.4788, 0.2848,
0.2871

60.4788, 0.2848,
0.2871

48.0553, 0.2662,
0.2586

74.8363, 0.3017,
0.3126

37.4758, 0.2462,
0.2274

91.1977, 0.3168,
0.3351

28.6545, 0.2255,
0.1945

99.0127, 0.3220,
0.3444

21.4956, 0.2051,
0.1614

■ 15.8942, 0.1864,
0.1301

■ 11.7335, 0.1707,
0.1028

■ 8.8798, 0.1594,
0.0817

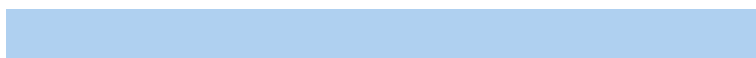
■ 7.1718, 0.1528,
0.0680

■ 6.8527, 0.1515,
0.0653

Harmonies

Analogous

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



60.4788, 0.2694, 0.2918



60.4788, 0.2848, 0.2871



60.4788, 0.3081, 0.2928

Triad

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



60.4788, 0.2848, 0.2871



60.4788, 0.3627, 0.3481



60.4788, 0.2912, 0.3523

Complementary

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



60.4788, 0.2848, 0.2871



81.8685, 0.3392, 0.3677

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.



60.4788, 0.3157, 0.3691



60.4788, 0.2848, 0.2871



60.4788, 0.3575, 0.3654

Square

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



60.4788, 0.2848, 0.2871



60.4788, 0.3539, 0.3270



60.4788, 0.3401, 0.3736



60.4788, 0.2730, 0.3289

Rectangle

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



60.4788, 0.2848, 0.2871



60.4788, 0.3253, 0.3016



60.4788, 0.3401, 0.3736



60.4788, 0.2990, 0.3590

Sweetspot

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



60.4813, 0.2848, 0.2871



90.5343, 0.3051, 0.3177



79.7418, 0.2891, 0.3334



19.1035, 0.3040, 0.3160



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.



60.4813, 0.2848, 0.2871



64.1531, 0.2777, 0.2762



60.9900, 0.2964, 0.2841



15.4752, 0.2980, 0.3070



3.8703, 0.1519, 0.0666



0.4046, 0.1560, 0.0814

Inverse Universe

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



63.0152, 0.3426, 0.3248



67.7310, 0.3511, 0.3238



81.4452, 0.3271, 0.3732



15.7837, 0.3278, 0.3267



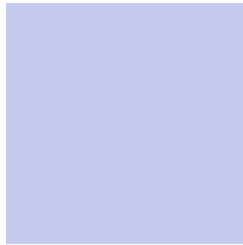
10.1841, 0.6289, 0.3238



0.8556, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 60.4788, 0.2848, 0.2871 looks on a white background.

Color Contrast Check

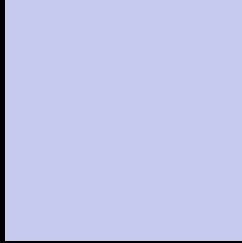
Large Text (above 18pt) WCAG AA × Fail

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 60.4788, 0.2848, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

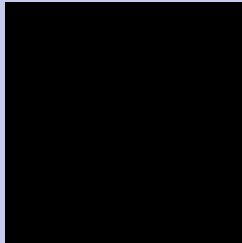
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4788, 0.2848, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 60.4788, 0.2848, 0.2871.



This preview shows how white text looks on a background with the Yxy color 60.4788, 0.2848, 0.2871.

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

60.4788, 0.2848, 0.2871

Protanopia

60.3434, 0.2841, 0.2870

Deuteranopia

60.4035, 0.2904, 0.2834



Tritanopia

60.4852, 0.2944, 0.3103

Trichromacy



Original Color

60.4788, 0.2848, 0.2871

Protanomaly

60.3434, 0.2841, 0.2870

Deuteranomaly

60.4372, 0.2883, 0.2843

Tritanomaly

60.5229, 0.2905, 0.3013

Monochromacy



Original Color

60.4788, 0.2848, 0.2871

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7520, 0.3022, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4788, 0.2848, 0.2871 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(198, 202, 239)` looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 239)  
}
```

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(198, 202, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 239) }
```

Border

The CSS property to change the border of an element to Yxy 60.4788, 0.2848, 0.2871 is called "border". The border property can be set on classes, ids or directly on the HTML element.

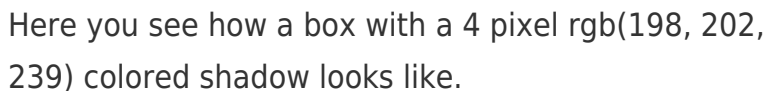
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 202, 239) }
```

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

```
.border{ border-color:rgb(198, 202, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 202, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 202, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 202, 239); box-shadow:4px 4px 4px 4px rgb(198, 202, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4788, 0.2848, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 239) }
```

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

```
.background{ background-color: rgb(198,  
202, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor