

Converting Colors

Yxy(60.9968, 0.2817, 0.2810)

Have a look what the booklet for
Yxy(60.9968, 0.2817, 0.2810)
contains.

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Color

Yxy(60.9757, 0.2817, 0.2809)

Conversions

Conversions Part 1

Format	Color
Hex	C7CAF5
RGB	199, 202, 245
RGB Percent	78%, 79%, 96%
CMY	0.2198, 0.2078, 0.0391
CMYK	0.19, 0.18, 0.00, 0.04
HSL	236°, 70%, 87%
HSV	236°, 19%, 96%
XYZ	61.1494, 60.9757, 94.9476
YIQ	206.0050, -15.5910, 12.7370

Conversions

Conversions Part 2

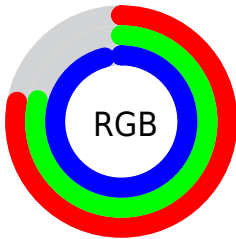
Format	Color
R _Y B	199, 202, 245
Decimal	13093621
CIE Lab	82.37, 7.65, -21.48
CIE LCh	82, 22.801, 289.603
Yxy	60.9757, 0.2817, 0.2809
Android (android.graphics.Color)	4291283701 (0xFFC7CAF5)
YUV	206.0050, 19.2245, -6.1434
Hunter-Lab	78.0869, 3.1300, -17.4311

Details

The Yxy color $60.9757, 0.2817, 0.2809$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87.0228, 0.3416, 0.3729$, and the grayscale version is $61.6055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.8737, 0.2740, 0.2690$ is the 20% darker color. If you saturate the color by 10%, you get $47.9399, 0.2626, 0.2508$, and if you desaturate by 10%, it is $76.1477, 0.2990, 0.3079$.

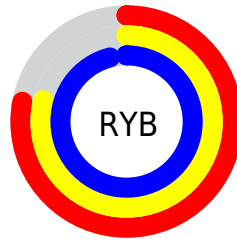
Distribution



Red (78%)

Green (79%)

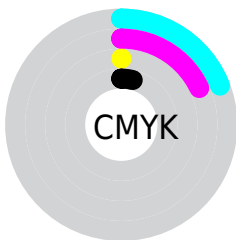
Blue (96%)



Red (78%)

Yellow (79%)

Blue (96%)

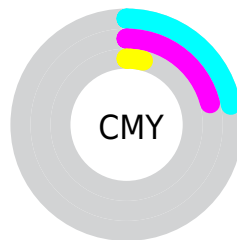


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9757, 0.2817, 0.2809 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 60.9757, 0.2817, 0.2809 by changing the saturation by 10% instead.

■ 60.9757, 0.2817,
0.2809

■ 60.9757, 0.2817,
0.2809

428.1849, 0.2965,
0.3033

■ 44.2056, 0.2782,
0.2758

106.2438, 0.2869,
0.2887

■ 30.8321, 0.2739,
0.2694

135.5104, 0.2889,
0.2917

■ 20.4711, 0.2683,
0.2614

169.7115, 0.2906,
0.2943

■ 12.7379, 0.2609,
0.2509

209.2312, 0.2921,
0.2966

■ 7.2483, 0.2507,
0.2367

254.4540, 0.2934,
0.2986

■ 3.6179, 0.2356,
0.2165

305.7643, 0.2946,

■ 1.4622, 0.2117,

0.3003

0.1857

363.5464, 0.2956,
0.3019

0.2619, 0.1590,
0.0956

0.0000, 0.0000,
0.0000

60.9757, 0.2817,
0.2809

60.9757, 0.2817,
0.2809

47.9399, 0.2626,
0.2508

76.1477, 0.2990,
0.3079

36.9371, 0.2421,
0.2182

93.5378, 0.3145,
0.3317

27.8671, 0.2210,
0.1841

99.3738, 0.3185,
0.3386

20.6179, 0.2005,
0.1505

■ 15.0664, 0.1820,
0.1195

■ 11.0737, 0.1671,
0.0936

■ 8.4793, 0.1568,
0.0748

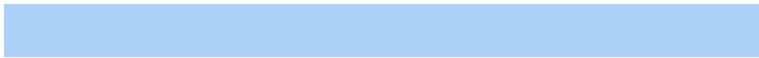
■ 7.0781, 0.1513,
0.0639

■ 6.9714, 0.1509,
0.0631

Harmonies

Analogous

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



60.9757, 0.2635, 0.2854



60.9757, 0.2817, 0.2809



60.9757, 0.3089, 0.2881

Triad

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



60.9757, 0.2817, 0.2809



60.9757, 0.3708, 0.3520



60.9757, 0.2864, 0.3547

Complementary

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



60.9757, 0.2817, 0.2809



87.0228, 0.3416, 0.3729

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.



60.9757, 0.3144, 0.3750



60.9757, 0.2817, 0.2809



60.9757, 0.3637, 0.3718

Square

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



60.9757, 0.2817, 0.2809



60.9757, 0.3614, 0.3278



60.9757, 0.3428, 0.3809



60.9757, 0.2661, 0.3272

Rectangle

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



60.9757, 0.2817, 0.2809



60.9757, 0.3288, 0.2984



60.9757, 0.3428, 0.3809



60.9757, 0.2952, 0.3628

Sweetspot

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



60.9782, 0.2817, 0.2809



88.4341, 0.3035, 0.3149



83.8614, 0.2861, 0.3322



18.6706, 0.3025, 0.3132



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.



60.9782, 0.2817, 0.2809



60.4209, 0.2738, 0.2685



62.4707, 0.2957, 0.2795



16.1029, 0.2979, 0.3062



3.8227, 0.1512, 0.0641



0.3965, 0.1540, 0.0742

Inverse Universe

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



64.5102, 0.3472, 0.3259



65.0791, 0.3573, 0.3251



85.4559, 0.3274, 0.3780



16.5003, 0.3283, 0.3275



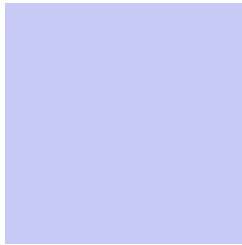
10.4853, 0.6331, 0.3261



0.9277, 0.6163, 0.3169

Previews

White Background



This preview shows how the Yxy color 60.9757, 0.2817, 0.2809 looks on a white background.

Color Contrast Check

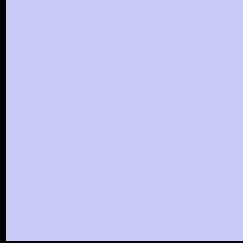
Large Text (above 18pt) WCAG AA × Fail

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 60.9757, 0.2817, 0.2809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

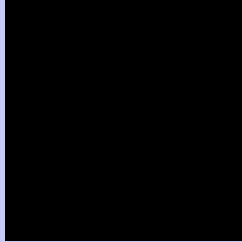
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9757, 0.2817, 0.2809

Background



This preview shows how black text looks on a background with the Yxy color 60.9757, 0.2817, 0.2809.



This preview shows how white text looks on a background with the Yxy color 60.9757, 0.2817, 0.2809.

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

60.9757, 0.2817, 0.2809

Protanopia

61.1015, 0.2792, 0.2807

Deuteranopia

60.8803, 0.2858, 0.2792



Tritanopia

61.0186, 0.2938, 0.3103

Trichromacy



Original Color

60.9757, 0.2817, 0.2809

Protanomaly

61.2360, 0.2798, 0.2808

Deuteranomaly

61.0624, 0.2844, 0.2801

Tritanomaly

61.1116, 0.2893, 0.3002

Monochromacy



Original Color

60.9757, 0.2817, 0.2809

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.5265, 0.3009, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9757, 0.2817, 0.2809 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(199, 202, 245)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 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(199, 202, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 245) }
```

Border

The CSS property to change the border of an element to Yxy 60.9757, 0.2817, 0.2809 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(199, 202, 245) }
```

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

```
.border{ border-color:rgb(199, 202, 245) }
```

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

Here you see how a box with a 4 pixel rgb(199, 202, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 245);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9757, 0.2817, 0.2809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 245) }
```

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

```
.background{ background-color: rgb(199,  
202, 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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