

Converting Colors

$Yxy(60.3998, 0.2806, 0.2720)$

Have a look what the booklet for
Yxy(60.3998, 0.2806, 0.2720)
contains.

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Color

Yxy(60.5084, 0.2806, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	CBC7FB
RGB	203, 199, 251
RGB Percent	80%, 78%, 98%
CMY	0.2038, 0.2196, 0.0157
CMYK	0.19, 0.21, 0.00, 0.02
HSL	245°, 87%, 88%
HSV	245°, 21%, 98%
XYZ	62.4675, 60.5084, 99.6452
YIQ	206.1240, -14.3080, 17.0200

Conversions

Conversions Part 2

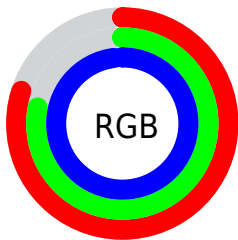
Format	Color
RYB	203, 199, 251
Decimal	13355003
CIELab	82.11, 11.81, -25.01
CIELCh	82, 27.664, 295.282
Yxy	60.5084, 0.2806, 0.2718
Android (android.graphics.Color)	4291545083 (0xFFCBC7FB)
YUV	206.1240, 22.1239, -2.7397
Hunter-Lab	77.7871, 7.2181, -21.4994

Details

The Yxy color **60.5084, 0.2806, 0.2718** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.8804, 0.3413, 0.3813**, and the grayscale version is **61.6706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.4417, 0.2724, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **46.8854, 0.2621, 0.2394**, and if you desaturate by 10%, it is **76.5267, 0.2972, 0.3012**.

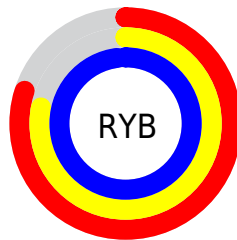
Distribution



Red (80%)

Green (78%)

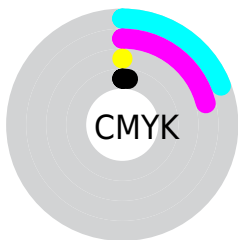
Blue (98%)



Red (80%)

Yellow (78%)

Blue (98%)

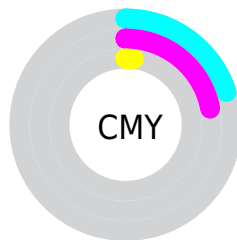


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (22%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5084, 0.2806, 0.2718 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 60.5084, 0.2806, 0.2718 by changing the saturation by 10% instead.

■ 60.5084, 0.2806,
0.2718

■ 60.5084, 0.2806,
0.2718

426.4692, 0.2960,
0.2982

■ 43.8285, 0.2770,
0.2658

105.5668, 0.2860,
0.2809

■ 30.5357, 0.2724,
0.2584

134.7142, 0.2881,
0.2845

■ 20.2456, 0.2666,
0.2492

168.7861, 0.2899,
0.2876

■ 12.5737, 0.2589,
0.2372

208.1671, 0.2915,
0.2902

■ 7.1357, 0.2481,
0.2211

253.2415, 0.2928,
0.2926

■ 3.5471, 0.2324,
0.1986

304.3938, 0.2940,

■ 1.4236, 0.2077,

0.2947

0.1653

362.0082, 0.2951,
0.2965

0.2340, 0.1613,
0.0739

0.0000, 0.0000,
0.0000

60.5084, 0.2806,
0.2718

60.5084, 0.2806,
0.2718

46.8854, 0.2621,
0.2394

76.5267, 0.2972,
0.3012

35.5355, 0.2420,
0.2049

95.0398, 0.3118,
0.3273

26.3369, 0.2213,
0.1697

99.7445, 0.3150,
0.3328

19.1536, 0.2009,
0.1359

■ 13.8339, 0.1825,
0.1062

■ 10.2044, 0.1676,
0.0830

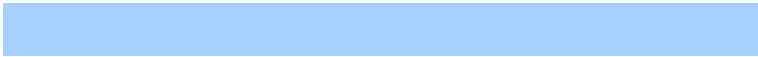
■ 8.0594, 0.1572,
0.0680

■ 7.1072, 0.1518,
0.0610

Harmonies

Analogous

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



60.5084, 0.2564, 0.2741



60.5084, 0.2806, 0.2718



60.5084, 0.3147, 0.2829

Triad

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



60.5084, 0.2806, 0.2718



60.5084, 0.3834, 0.3614



60.5084, 0.2751, 0.3544

Complementary

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



60.5084, 0.2806, 0.2718



92.8804, 0.3413, 0.3813

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.



60.5084, 0.3077, 0.3821



60.5084, 0.2806, 0.2718



60.5084, 0.3709, 0.3840

Square

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



60.5084, 0.2806, 0.2718



60.5084, 0.3757, 0.3327



60.5084, 0.3428, 0.3927



60.5084, 0.2533, 0.3200

Rectangle

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



60.5084, 0.2806, 0.2718



60.5084, 0.3387, 0.2965



60.5084, 0.3428, 0.3927



60.5084, 0.2851, 0.3650

Sweetspot

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



60.5109, 0.2806, 0.2718



88.0441, 0.3043, 0.3139



85.9495, 0.2815, 0.3252



18.5789, 0.3033, 0.3122



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.



60.5109, 0.2806, 0.2718



56.3511, 0.2728, 0.2582



64.3806, 0.2986, 0.2747



16.7072, 0.2991, 0.3045



3.7594, 0.1524, 0.0613



0.3696, 0.1579, 0.0644

Inverse Universe

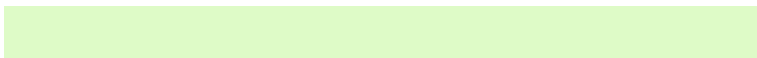
The Inverse Universe completely reimagines the original color for something new.



68.0676, 0.3180, 0.2811



65.5370, 0.3192, 0.2710



88.5675, 0.3244, 0.3842



17.5000, 0.3150, 0.3074



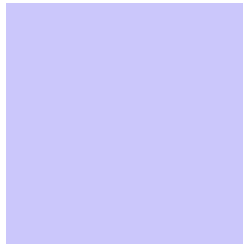
13.8403, 0.3414, 0.1654



1.2885, 0.3387, 0.1639

Previews

White Background



This preview shows how the Yxy color 60.5084, 0.2806, 0.2718 looks on a white background.

Color Contrast Check

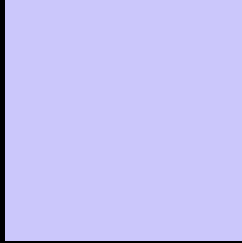
Large Text (above 18pt) WCAG AA × Fail

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 60.5084, 0.2806, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

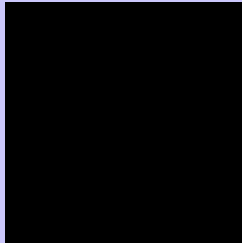
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5084, 0.2806, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 60.5084, 0.2806, 0.2718.

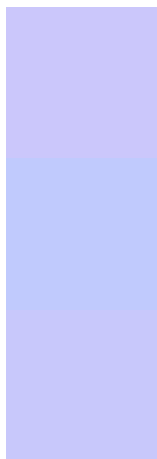


This preview shows how white text looks on a background with the Yxy color 60.5084, 0.2806, 0.2718.

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

60.5084, 0.2806, 0.2718

Protanopia

60.5394, 0.2722, 0.2720

Deuteranopia

60.5529, 0.2786, 0.2726



Tritanopia

60.4120, 0.2965, 0.3092

Trichromacy



Original Color

60.5084, 0.2806, 0.2718

Protanomaly

60.5373, 0.2754, 0.2723

Deuteranomaly

60.6911, 0.2793, 0.2727

Tritanomaly

60.3466, 0.2907, 0.2948

Monochromacy



Original Color

60.5084, 0.2806, 0.2718

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.9649, 0.3010, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5084, 0.2806, 0.2718 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(203, 199, 251)` looks like.

```
.text, #text, p{  
    color:rgb(203, 199, 251)  
}
```

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(203, 199, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 199, 251) }
```

Border

The CSS property to change the border of an element to Yxy 60.5084, 0.2806, 0.2718 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(203, 199, 251) }
```

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

```
.border{ border-color:rgb(203, 199, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 199, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 199, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 199, 251);  
box-shadow:4px 4px 4px 4px rgb(203, 199,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5084, 0.2806, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 199, 251) }
```

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

```
.background{ background-color: rgb(203,  
199, 251) }
```

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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