

Converting Colors

$Y_{xy}(59.7200, 0.2831, 0.2687)$

Have a look what the booklet for
Yxy(59.7200, 0.2831, 0.2687)
contains.

Yxy(59.7103, 0.2832, 0.2689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.7103, 0.2832, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	CFC4FB
RGB	207, 196, 251
RGB Percent	81%, 77%, 98%
CMY	0.1881, 0.2314, 0.0158
CMYK	0.18, 0.22, 0.00, 0.02
HSL	252°, 87%, 88%
HSV	252°, 22%, 98%
XYZ	62.8857, 59.7103, 99.4580
YIQ	205.5590, -11.0990, 19.4370

Conversions

Conversions Part 2

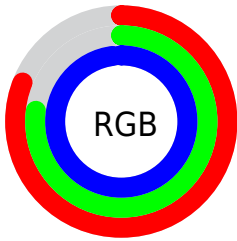
Format	Color
R _Y B	207, 196, 251
Decimal	13616379
CIE Lab	81.68, 14.65, -25.64
CIE LCh	82, 29.530, 299.743
Yxy	59.7103, 0.2832, 0.2689
Android (android.graphics.Color)	4291806459 (0xFFCFC4FB)
YUV	205.5590, 22.4024, 1.2638
Hunter-Lab	77.2724, 10.0397, -22.2219

Details

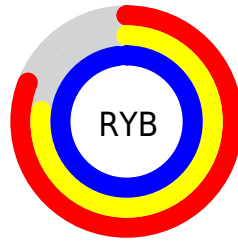
The Yxy color **59.7103, 0.2832, 0.2689** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.4836, 0.3384, 0.3852**, and the grayscale version is **61.2873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.9164, 0.2757, 0.2549** is the 20% darker color. If you saturate the color by 10%, you get **46.6123, 0.2668, 0.2372**, and if you desaturate by 10%, it is **75.0743, 0.2978, 0.2981**.

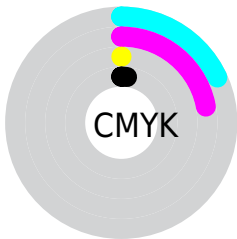
Distribution



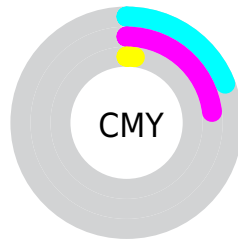
- Red (81%)
- Green (77%)
- Blue (98%)



- Red (81%)
- Yellow (77%)
- Blue (98%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (2%)



- Cyan (19%)
- Magenta (23%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7103, 0.2832, 0.2689 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 59.7103, 0.2832, 0.2689 by changing the saturation by 10% instead.

■ 59.7103, 0.2832,
0.2689

■ 59.7103, 0.2832,
0.2689

■ 423.5291, 0.2975,
0.2966

■ 43.1852, 0.2798,
0.2626

■ 104.4093, 0.2883,
0.2785

■ 30.0304, 0.2755,
0.2550

■ 133.3520, 0.2902,
0.2822

■ 19.8617, 0.2701,
0.2453

■ 167.2026, 0.2919,
0.2854

■ 12.2945, 0.2627,
0.2328

■ 206.3456, 0.2933,
0.2882

■ 6.9446, 0.2526,
0.2161

■ 251.1654, 0.2945,
0.2907

■ 3.4275, 0.2375,
0.1929

■ 302.0463, 0.2956,

■ 1.3588, 0.2135,

0.2929

0.1587

359.3727, 0.2966,
0.2948

0.1860, 0.1709,
0.0595

0.0000, 0.0000,
0.0000

59.7103, 0.2832,
0.2689

59.7103, 0.2832,
0.2689

46.6123, 0.2668,
0.2372

75.0743, 0.2978,
0.2981

35.6650, 0.2489,
0.2037

92.7975, 0.3105,
0.3243

26.7542, 0.2300,
0.1699

99.7436, 0.3150,
0.3328

19.7517, 0.2110,
0.1377

■ 14.5149, 0.1931,
0.1092

■ 10.8803, 0.1776,
0.0868

■ 8.6528, 0.1656,
0.0718

■ 7.6496, 0.1586,
0.0648

Harmonies

Analogous

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



59.7103, 0.2554, 0.2690



59.7103, 0.2832, 0.2689



59.7103, 0.3205, 0.2827

Triad

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



59.7103, 0.2832, 0.2689



59.7103, 0.3878, 0.3676



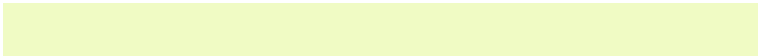
59.7103, 0.2681, 0.3508

Complementary

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



59.7103, 0.2832, 0.2689



91.4836, 0.3384, 0.3852

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.



59.7103, 0.3016, 0.3827



59.7103, 0.2832, 0.2689



59.7103, 0.3713, 0.3903

Square

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



59.7103, 0.2832, 0.2689



59.7103, 0.3829, 0.3374



59.7103, 0.3394, 0.3971



59.7103, 0.2471, 0.3139

Rectangle

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



59.7103, 0.2832, 0.2689



59.7103, 0.3461, 0.2980



59.7103, 0.3394, 0.3971



59.7103, 0.2782, 0.3627

Sweetspot

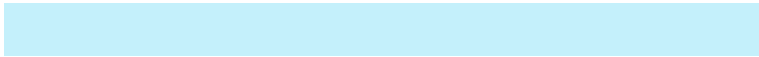
The Sweet Spot groups the original color and five complimentary colors.



59.7128, 0.2832, 0.2689



86.5282, 0.3042, 0.3113



81.0093, 0.2792, 0.3171



18.2844, 0.3035, 0.3097



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.



59.7128, 0.2832, 0.2689



56.0415, 0.2767, 0.2561



64.0188, 0.3030, 0.2723



16.8105, 0.3010, 0.3047



4.0699, 0.1598, 0.0654



0.4192, 0.1702, 0.0711

Inverse Universe

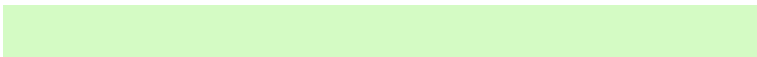
The Inverse Universe completely reimagines the original color for something new.



66.2743, 0.3233, 0.2848



63.9196, 0.3256, 0.2762



87.0365, 0.3203, 0.3885



17.4614, 0.3169, 0.3102



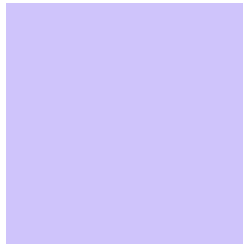
13.0108, 0.3793, 0.1863



1.2196, 0.3710, 0.1817

Previews

White Background



This preview shows how the Yxy color 59.7103, 0.2832, 0.2689 looks on a white background.

Color Contrast Check

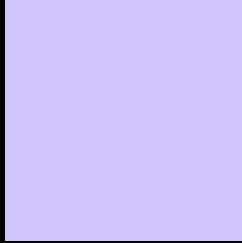
Large Text (above 18pt) WCAG AA × Fail

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 59.7103, 0.2832, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

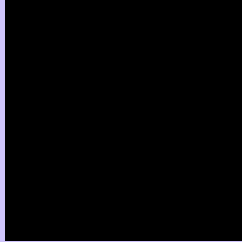
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7103, 0.2832, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 59.7103, 0.2832, 0.2689.

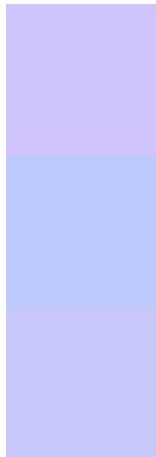


This preview shows how white text looks on a background with the Yxy color 59.7103, 0.2832, 0.2689.

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

59.7103, 0.2832, 0.2689

Protanopia

59.8762, 0.2703, 0.2697

Deuteranopia

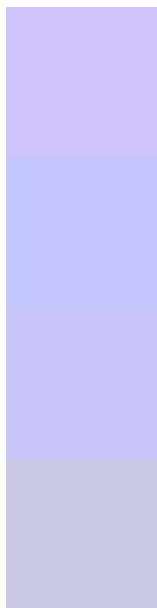
59.8911, 0.2785, 0.2724



Tritanopia

59.7205, 0.3008, 0.3104

Trichromacy



Original Color

59.7103, 0.2832, 0.2689

Protanomaly

59.6745, 0.2746, 0.2690

Deuteranomaly

59.8469, 0.2804, 0.2715

Tritanomaly

59.7182, 0.2941, 0.2949

Monochromacy



Original Color

59.7103, 0.2832, 0.2689

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.6368, 0.3017, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7103, 0.2832, 0.2689 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(207, 196, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 196, 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(207, 196, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 196, 251) }
```

Border

The CSS property to change the border of an element to Yxy 59.7103, 0.2832, 0.2689 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(207, 196, 251) }
```

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

```
.border{ border-color:rgb(207, 196, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 196, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 196, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 196, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 196,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7103, 0.2832, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 196, 251) }
```

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

```
.background{ background-color: rgb(207,  
196, 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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