

Converting Colors

$Y_{xy}(59.9240, 0.2736, 0.2673)$

Have a look what the booklet for
Yxy(59.9240, 0.2736, 0.2673)
contains.

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Color

Yxy(59.8026, 0.2734, 0.2670)

Conversions

Conversions Part 1

Format	Color
Hex	C4C7FF
RGB	196, 199, 255
RGB Percent	77%, 78%, 100%
CMY	0.2315, 0.2196, 0.0000
CMYK	0.23, 0.22, 0.00, 0.00
HSL	237°, 100%, 88%
HSV	237°, 23%, 100%
XYZ	61.2361, 59.8026, 102.9411
YIQ	204.4870, -19.7640, 16.7800

Conversions

Conversions Part 2

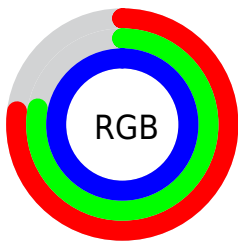
Format	Color
RYB	196, 199, 255
Decimal	12896255
CIELab	81.73, 10.59, -27.79
CIElCh	82, 29.742, 290.859
Yxy	59.8026, 0.2734, 0.2670
Android (android.graphics.Color)	4291086335 (0xFFC4C7FF)
YUV	204.4870, 24.9029, -7.4431
Hunter-Lab	77.3321, 6.0154, -24.7917

Details

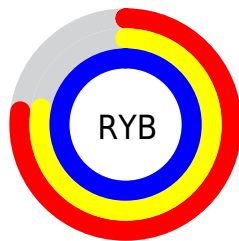
The Yxy color **59.8026, 0.2734, 0.2670** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.8453, 0.3484, 0.3843**, and the grayscale version is **60.5546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **29.9907, 0.2634, 0.2523** is the 20% darker color. If you saturate the color by 10%, you get **46.4087, 0.2535, 0.2351**, and if you desaturate by 10%, it is **75.5489, 0.2917, 0.2960**.

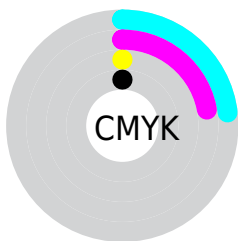
Distribution



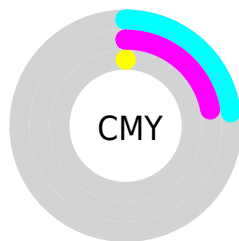
- Red (77%)
- Green (78%)
- Blue (100%)



- Red (77%)
- Yellow (78%)
- Blue (100%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8026, 0.2734, 0.2670 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 59.8026, 0.2734, 0.2670 by changing the saturation by 10% instead.

■ 59.8026, 0.2734,
0.2670

■ 59.8026, 0.2734,
0.2670

423.8698, 0.2922,
0.2957

■ 43.2595, 0.2690,
0.2605

104.5433, 0.2800,
0.2769

■ 30.0888, 0.2635,
0.2525

133.5097, 0.2826,
0.2808

■ 19.9060, 0.2565,
0.2425

167.3860, 0.2847,
0.2841

■ 12.3267, 0.2472,
0.2296

206.5565, 0.2866,
0.2870

■ 6.9666, 0.2345,
0.2123

251.4058, 0.2883,
0.2896

■ 3.4412, 0.2161,
0.1882

302.3182, 0.2897,

■ 1.3662, 0.1877,

0.2918

0.1531

359.6781, 0.2910,
0.2938

0.1916, 0.1320,
0.0574

0.0000, 0.0000,
0.0000

59.8026, 0.2734,
0.2670

59.8026, 0.2734,
0.2670

46.4087, 0.2535,
0.2351

75.5489, 0.2917,
0.2960

35.2515, 0.2324,
0.2012

93.7497, 0.3080,
0.3216

26.2098, 0.2112,
0.1666

100.0000, 0.3127,
0.3290

19.1501, 0.1913,
0.1335

■ 13.9232, 0.1742,
0.1045

■ 10.3591, 0.1613,
0.0821

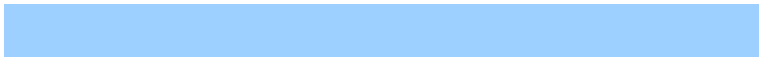
■ 8.2559, 0.1534,
0.0676

■ 7.5104, 0.1506,
0.0622

Harmonies

Analogous

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



59.8026, 0.2496, 0.2716



59.8026, 0.2734, 0.2670



59.8026, 0.3089, 0.2770

Triad

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



59.8026, 0.2734, 0.2670



59.8026, 0.3892, 0.3593



59.8026, 0.2768, 0.3617

Complementary

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



59.8026, 0.2734, 0.2670



94.8453, 0.3484, 0.3843

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.



59.8026, 0.3128, 0.3896



59.8026, 0.2734, 0.2670



59.8026, 0.3786, 0.3852

Square

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



59.8026, 0.2734, 0.2670



59.8026, 0.3778, 0.3281



59.8026, 0.3502, 0.3977



59.8026, 0.2513, 0.3245

Rectangle

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



59.8026, 0.2734, 0.2670



59.8026, 0.3351, 0.2905



59.8026, 0.3502, 0.3977



59.8026, 0.2880, 0.3727

Sweetspot

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



59.8036, 0.2734, 0.2670



86.4384, 0.3019, 0.3121



90.2218, 0.2803, 0.3330



18.2635, 0.3010, 0.3106



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.



59.8036, 0.2734, 0.2670



53.0153, 0.2639, 0.2519



62.1487, 0.2909, 0.2668



17.5273, 0.2978, 0.3057



3.9859, 0.1509, 0.0630



0.4384, 0.1529, 0.0703

Inverse Universe

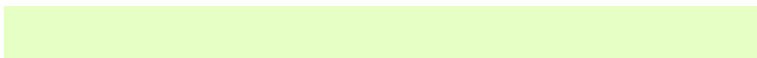
The Inverse Universe completely reimagines the original color for something new.



64.8534, 0.3583, 0.3260



58.9744, 0.3712, 0.3253



92.2322, 0.3308, 0.3903



18.0022, 0.3286, 0.3278



11.1303, 0.6349, 0.3271



1.0888, 0.6228, 0.3205

Previews

White Background



This preview shows how the Yxy color 59.8026, 0.2734, 0.2670 looks on a white background.

Color Contrast Check

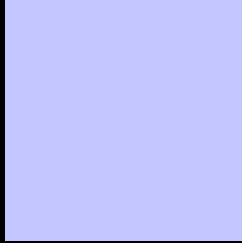
Large Text (above 18pt) WCAG AA × Fail

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 59.8026, 0.2734, 0.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

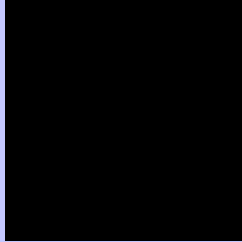
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8026, 0.2734, 0.2670

Background



This preview shows how black text looks on a background with the Yxy color 59.8026, 0.2734, 0.2670.



This preview shows how white text looks on a background with the Yxy color 59.8026, 0.2734, 0.2670.

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

59.8026, 0.2734, 0.2670

Protanopia

59.9404, 0.2697, 0.2686

Deuteranopia

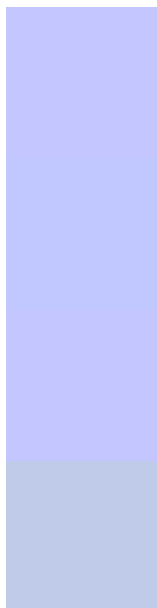
59.8026, 0.2734, 0.2670



Tritanopia

59.8303, 0.2908, 0.3101

Trichromacy



Original Color

59.8026, 0.2734, 0.2670

Protanomaly

59.7350, 0.2709, 0.2677

Deuteranomaly

59.8026, 0.2734, 0.2670

Tritanomaly

59.8015, 0.2845, 0.2943

Monochromacy



Original Color

59.8026, 0.2734, 0.2670

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.9863, 0.2974, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8026, 0.2734, 0.2670 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(196, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 199, 255)  
}
```

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(196, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 59.8026, 0.2734, 0.2670 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(196, 199, 255) }
```

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

```
.border{ border-color:rgb(196, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8026, 0.2734, 0.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 255) }
```

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

```
.background{ background-color: rgb(196,  
199, 255) }
```

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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