

Converting Colors

$Yxy(63.8486, 0.2726, 0.2767)$

Have a look what the booklet for
Yxy(63.8486, 0.2726, 0.2767)
contains.

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Color

Yxy(63.8011, 0.2730, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	C2D0FF
RGB	194, 208, 255
RGB Percent	76%, 82%, 100%
CMY	0.2391, 0.1843, 0.0001
CMYK	0.24, 0.18, 0.00, 0.00
HSL	226°, 100%, 88%
HSV	226°, 24%, 100%
XYZ	62.8571, 63.8011, 103.5876
YIQ	209.1720, -23.4310, 11.6490

Conversions

Conversions Part 2

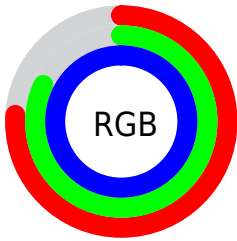
Format	Color
RYB	194, 205, 255
Decimal	12767487
CIELab	83.86, 5.18, -24.53
CIElCh	84, 25.069, 281.927
Yxy	63.8011, 0.2730, 0.2771
Android (android.graphics.Color)	4290957567 (0xFFC2D0FF)
YUV	209.1720, 22.5932, -13.3058
Hunter-Lab	79.8756, 0.6860, -20.9780

Details

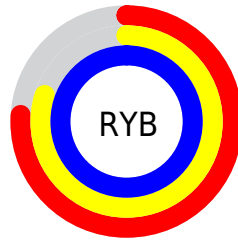
The Yxy color **63.8011, 0.2730, 0.2771** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.0705, 0.3519, 0.3760**, and the grayscale version is **63.7442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **32.6774, 0.2632, 0.2655** is the 20% darker color. If you saturate the color by 10%, you get **51.7157, 0.2543, 0.2512**, and if you desaturate by 10%, it is **77.6583, 0.2906, 0.3006**.

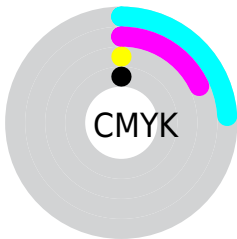
Distribution



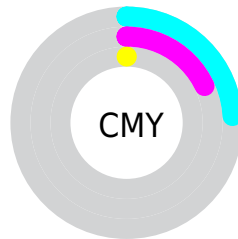
- Red (76%)
- Green (82%)
- Blue (100%)



- Red (76%)
- Yellow (80%)
- Blue (100%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8011, 0.2730, 0.2771 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 63.8011, 0.2730, 0.2771 by changing the saturation by 10% instead.

■ 63.8011, 0.2730,
0.2771

■ 63.8011, 0.2730,
0.2771

438.4710, 0.2917,
0.3011

■ 46.4896, 0.2687,
0.2716

■ 110.3244, 0.2795,
0.2854

■ 32.6323, 0.2634,
0.2649

140.3051, 0.2820,
0.2887

■ 21.8449, 0.2566,
0.2565

175.2775, 0.2842,
0.2914

■ 13.7430, 0.2477,
0.2455

215.6262, 0.2861,
0.2939

■ 7.9421, 0.2356,
0.2308

261.7355, 0.2877,
0.2960

■ 4.0579, 0.2183,
0.2101

313.9898, 0.2892,

■ 1.7060, 0.1920,

0.2979

0.1794

372.7735, 0.2905,
0.2996

0.4276, 0.1431,
0.1148

0.0000, 0.0000,
0.0000

63.8011, 0.2730,
0.2771

63.8011, 0.2730,
0.2771

51.7157, 0.2543,
0.2512

77.6583, 0.2906,
0.3006

41.3214, 0.2351,
0.2232

93.3479, 0.3068,
0.3215

32.5430, 0.2159,
0.1940

99.9984, 0.3127,
0.3290

25.2958, 0.1978,
0.1648

■ 19.4874, 0.1818,
0.1369

■ 15.0141, 0.1689,
0.1121

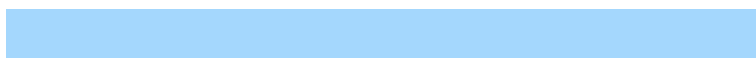
■ 11.7563, 0.1599,
0.0918

■ 10.2868, 0.1561,
0.0820

Harmonies

Analogous

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



63.8011, 0.2566, 0.2852



63.8011, 0.2730, 0.2771



63.8011, 0.3004, 0.2818

Triad

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



63.8011, 0.2730, 0.2771



63.8011, 0.3748, 0.3472



63.8011, 0.2914, 0.3638

Complementary

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



63.8011, 0.2730, 0.2771



88.0705, 0.3519, 0.3760

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.



63.8011, 0.3226, 0.3823



63.8011, 0.2730, 0.2771



63.8011, 0.3715, 0.3705

Square

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



63.8011, 0.2730, 0.2771



63.8011, 0.3602, 0.3209



63.8011, 0.3521, 0.3841



63.8011, 0.2668, 0.3348

Rectangle

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



63.8011, 0.2730, 0.2771



63.8011, 0.3218, 0.2913



63.8011, 0.3521, 0.3841



63.8011, 0.3015, 0.3716

Sweetspot

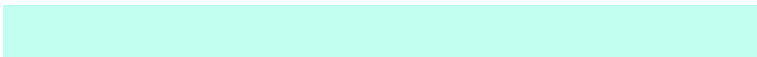
The Sweet Spot groups the original color and five complimentary colors.



63.8037, 0.2730, 0.2771



88.3029, 0.3019, 0.3153



89.3146, 0.2845, 0.3441



18.6939, 0.3010, 0.3141



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.



63.8037, 0.2730, 0.2771



57.4347, 0.2636, 0.2642



59.5622, 0.2829, 0.2632



18.0528, 0.2979, 0.3101



5.5604, 0.1568, 0.0844



0.6979, 0.1624, 0.1046

Inverse Universe

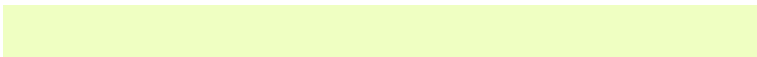
The Inverse Universe completely reimagines the original color for something new.



64.4092, 0.3514, 0.3147



58.4050, 0.3625, 0.3115



93.7037, 0.3381, 0.3911



18.0552, 0.3258, 0.3236



11.2893, 0.5999, 0.3078



1.1150, 0.5690, 0.2908

Previews

White Background



This preview shows how the Yxy color 63.8011, 0.2730, 0.2771 looks on a white background.

Color Contrast Check

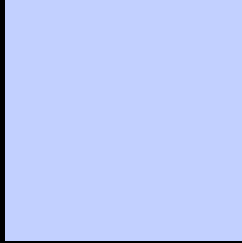
Large Text (above 18pt) WCAG AA × Fail

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 63.8011, 0.2730, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

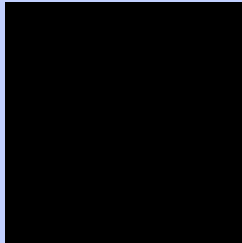
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8011, 0.2730, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 63.8011, 0.2730, 0.2771.



This preview shows how white text looks on a background with the Yxy color 63.8011, 0.2730, 0.2771.

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

63.8011, 0.2730, 0.2771

Protanopia

63.7872, 0.2760, 0.2773

Deuteranopia

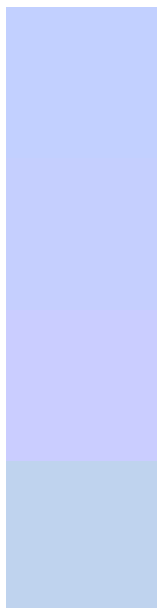
63.5275, 0.2805, 0.2738



Tritanopia

63.5629, 0.2855, 0.3092

Trichromacy



Original Color

63.8011, 0.2730, 0.2771

Protanomaly

63.6517, 0.2754, 0.2772

Deuteranomaly

63.4392, 0.2779, 0.2745

Tritanomaly

63.8379, 0.2813, 0.2982

Monochromacy



Original Color

63.8011, 0.2730, 0.2771

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9293, 0.2976, 0.3097

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8011, 0.2730, 0.2771 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(194, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 208, 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(194, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.8011, 0.2730, 0.2771 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(194, 208, 255) }
```

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

```
.border{ border-color:rgb(194, 208, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 208, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 208, 255); box-shadow:4px 4px 4px 4px rgb(194, 208, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8011, 0.2730, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 208, 255) }
```

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

```
.background{ background-color: rgb(194,  
208, 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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