

Converting Colors

$Yxy(60.4388, 0.2738, 0.2686)$

Have a look what the booklet for
Yxy(60.4388, 0.2738, 0.2686)
contains.

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Color

Yxy(60.2643, 0.2735, 0.2682)

Conversions

Conversions Part 1

Format	Color
Hex	C4C8FF
RGB	196, 200, 255
RGB Percent	77%, 78%, 100%
CMY	0.2316, 0.2156, 0.0001
CMYK	0.23, 0.22, 0.00, 0.00
HSL	236°, 100%, 88%
HSV	236°, 23%, 100%
XYZ	61.4552, 60.2643, 102.9796
YIQ	205.0740, -20.0390, 16.2570

Conversions

Conversions Part 2

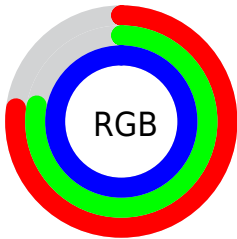
Format	Color
R _Y B	196, 200, 255
Decimal	12896511
CIE Lab	81.98, 10.02, -27.38
CIE LCh	82, 29.161, 290.104
Yxy	60.2643, 0.2735, 0.2682
Android (android.graphics.Color)	4291086591 (0xFFC4C8FF)
YUV	205.0740, 24.6135, -7.9579
Hunter-Lab	77.6301, 5.4554, -24.3096

Details

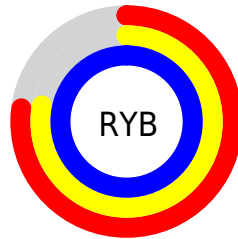
The Yxy color **60.2643, 0.2735, 0.2682** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.1700, 0.3486, 0.3833**, and the grayscale version is **60.9463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **30.2977, 0.2635, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **46.9781, 0.2537, 0.2369**, and if you desaturate by 10%, it is **75.8432, 0.2917, 0.2966**.

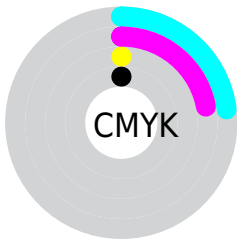
Distribution



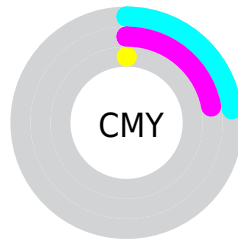
- Red (77%)
- Green (78%)
- Blue (100%)



- 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 60.2643, 0.2735, 0.2682 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 60.2643, 0.2735, 0.2682 by changing the saturation by 10% instead.

■ 60.2643, 0.2735,
0.2682

■ 60.2643, 0.2735,
0.2682

425.5713, 0.2922,
0.2963

■ 43.6317, 0.2691,
0.2618

105.2130, 0.2801,
0.2779

■ 30.3811, 0.2637,
0.2540

134.2978, 0.2826,
0.2817

■ 20.1280, 0.2567,
0.2442

168.3022, 0.2848,
0.2850

■ 12.4881, 0.2475,
0.2315

207.6106, 0.2867,
0.2878

■ 7.0770, 0.2349,
0.2145

252.6073, 0.2883,
0.2903

■ 3.5103, 0.2167,
0.1908

303.6767, 0.2898,

■ 1.4036, 0.1886,

0.2925

0.1562

361.2032, 0.2911,
0.2945

0.2194, 0.1340,
0.0649

0.0000, 0.0000,
0.0000

60.2643, 0.2735,
0.2682

60.2643, 0.2735,
0.2682

46.9781, 0.2537,
0.2369

75.8432, 0.2917,
0.2966

35.8694, 0.2328,
0.2035

93.8082, 0.3080,
0.3217

26.8241, 0.2118,
0.1694

99.9985, 0.3127,
0.3290

19.7147, 0.1920,
0.1366

■ 14.3996, 0.1749,
0.1075

■ 10.7175, 0.1619,
0.0845

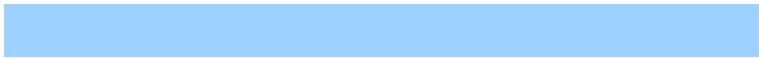
■ 8.4784, 0.1538,
0.0692

■ 7.6385, 0.1509,
0.0631

Harmonies

Analogous

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



60.2643, 0.2505, 0.2731



60.2643, 0.2735, 0.2682



60.2643, 0.3081, 0.2776

Triad

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



60.2643, 0.2735, 0.2682



60.2643, 0.3875, 0.3580



60.2643, 0.2784, 0.3618

Complementary

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



60.2643, 0.2735, 0.2682



94.1700, 0.3486, 0.3833

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.



60.2643, 0.3137, 0.3886



60.2643, 0.2735, 0.2682



60.2643, 0.3777, 0.3836

Square

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



60.2643, 0.2735, 0.2682



60.2643, 0.3758, 0.3275



60.2643, 0.3503, 0.3961



60.2643, 0.2531, 0.3256

Rectangle

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



60.2643, 0.2735, 0.2682



60.2643, 0.3337, 0.2907



60.2643, 0.3503, 0.3961



60.2643, 0.2894, 0.3724

Sweetspot

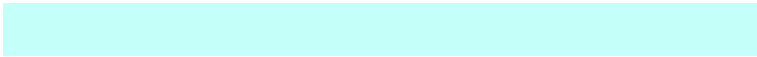
The Sweet Spot groups the original color and five complimentary colors.



60.2667, 0.2735, 0.2682



86.6225, 0.3019, 0.3124



90.1391, 0.2808, 0.3341



18.3060, 0.3010, 0.3109



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.



60.2667, 0.2735, 0.2682



53.5548, 0.2641, 0.2534



61.9749, 0.2902, 0.2666



17.5791, 0.2978, 0.3061



4.0658, 0.1512, 0.0642



0.4629, 0.1538, 0.0737

Inverse Universe

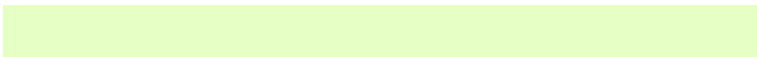
The Inverse Universe completely reimagines the original color for something new.



64.8827, 0.3575, 0.3249



59.0288, 0.3701, 0.3240



92.3738, 0.3315, 0.3902



18.0074, 0.3284, 0.3274



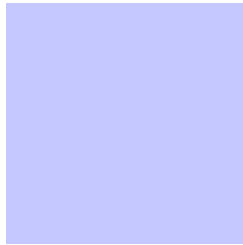
11.1384, 0.6330, 0.3261



1.0913, 0.6172, 0.3173

Previews

White Background



This preview shows how the Yxy color 60.2643, 0.2735, 0.2682 looks on a white background.

Color Contrast Check

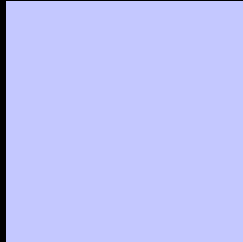
Large Text (above 18pt) WCAG AA × Fail

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 60.2643, 0.2735, 0.2682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

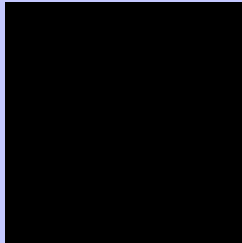
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.2643, 0.2735, 0.2682

Background



This preview shows how black text looks on a background with the Yxy color 60.2643, 0.2735, 0.2682.

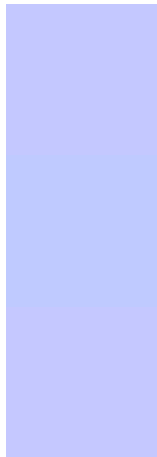


This preview shows how white text looks on a background with the Yxy color 60.2643, 0.2735, 0.2682.

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

60.2643, 0.2735, 0.2682

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

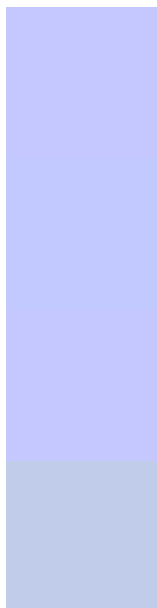
60.3989, 0.2742, 0.2683



Tritanopia

60.3637, 0.2902, 0.3101

Trichromacy



Original Color

60.2643, 0.2735, 0.2682

Protanomaly

60.3307, 0.2716, 0.2690

Deuteranomaly

60.3989, 0.2742, 0.2683

Tritanomaly

60.3327, 0.2839, 0.2944

Monochromacy



Original Color

60.2643, 0.2735, 0.2682

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5961, 0.2981, 0.3060

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2643, 0.2735, 0.2682 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, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 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, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.2643, 0.2735, 0.2682 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, 200, 255) }
```

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

```
.border{ border-color:rgb(196, 200, 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, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2643, 0.2735, 0.2682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 255) }
```

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

```
.background{ background-color: rgb(196,  
200, 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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