

Converting Colors

$Yxy(60.8753, 0.2768, 0.2686)$

Have a look what the booklet for
Yxy(60.8753, 0.2768, 0.2686)
contains.

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Color

Yxy(60.9461, 0.2769, 0.2687)

Conversions

Conversions Part 1

Format	Color
Hex	C9C8FF
RGB	201, 200, 255
RGB Percent	79%, 78%, 100%
CMY	0.2115, 0.2158, 0.0000
CMYK	0.21, 0.22, 0.00, 0.00
HSL	241°, 100%, 89%
HSV	241°, 22%, 100%
XYZ	62.8060, 60.9461, 103.0663
YIQ	206.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

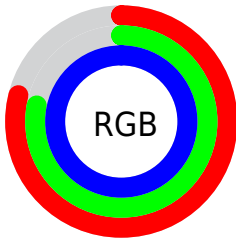
Format	Color
R _Y B	201, 200, 255
Decimal	13224191
CIE Lab	82.35, 11.58, -26.80
CIE LCh	82, 29.200, 293.368
Yxy	60.9461, 0.2769, 0.2687
Android (android.graphics.Color)	4291414271 (0xFFC9C8FF)
YUV	206.5690, 23.8765, -4.8840
Hunter-Lab	78.0680, 6.9850, -23.6278

Details

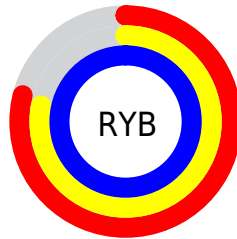
The Yxy color $60.9461, 0.2769, 0.2687$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $96.7437, 0.3447, 0.3832$, and the grayscale version is $61.9642, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $30.7460, 0.2678, 0.2547$ is the 20% darker color. If you saturate the color by 10%, you get $46.9180, 0.2572, 0.2357$, and if you desaturate by 10%, it is $77.5116, 0.2947, 0.2986$.

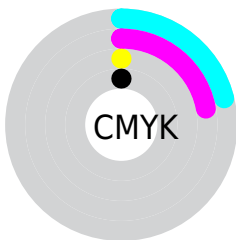
Distribution



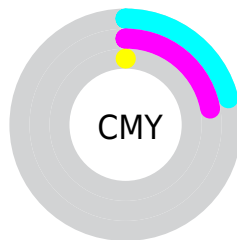
- Red (79%)
- Green (78%)
- Blue (100%)



- Red (79%)
- Yellow (78%)
- Blue (100%)



- Cyan (21%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.9461, 0.2769, 0.2687 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 60.9461, 0.2769, 0.2687 by changing the saturation by 10% instead.

■ 60.9461, 0.2769,
0.2687

■ 60.9461, 0.2769,
0.2687

428.0763, 0.2940,
0.2965

■ 44.1817, 0.2729,
0.2624

106.2009, 0.2829,
0.2783

■ 30.8134, 0.2679,
0.2547

135.4600, 0.2852,
0.2820

■ 20.4568, 0.2615,
0.2451

169.6529, 0.2872,
0.2853

■ 12.7275, 0.2530,
0.2326

209.1638, 0.2890,
0.2881

■ 7.2412, 0.2414,
0.2159

254.3772, 0.2905,
0.2906

■ 3.6134, 0.2245,
0.1928

305.6775, 0.2918,

■ 1.4597, 0.1983,

0.2927

0.1590

363.4491, 0.2930,
0.2947

0.2601, 0.1511,
0.0742

0.0000, 0.0000,
0.0000

60.9461, 0.2769,
0.2687

60.9461, 0.2769,
0.2687

46.9180, 0.2572,
0.2357

77.5116, 0.2947,
0.2986

35.2964, 0.2361,
0.2004

96.7248, 0.3104,
0.3251

25.9480, 0.2145,
0.1647

100.0000, 0.3127,
0.3290

18.7240, 0.1940,
0.1307

■ 13.4577, 0.1761,
0.1013

■ 9.9580, 0.1624,
0.0791

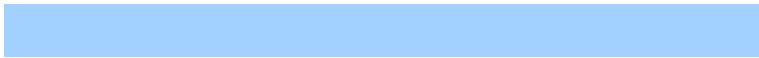
■ 7.9952, 0.1538,
0.0656

■ 7.2525, 0.1504,
0.0602

Harmonies

Analogous

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



60.9461, 0.2524, 0.2720



60.9461, 0.2769, 0.2687



60.9461, 0.3123, 0.2796

Triad

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



60.9461, 0.2769, 0.2687



60.9461, 0.3873, 0.3611



60.9461, 0.2751, 0.3580

Complementary

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



60.9461, 0.2769, 0.2687



96.7437, 0.3447, 0.3832

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.



60.9461, 0.3097, 0.3864



60.9461, 0.2769, 0.2687



60.9461, 0.3753, 0.3856

Square

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



60.9461, 0.2769, 0.2687



60.9461, 0.3779, 0.3308



60.9461, 0.3465, 0.3961



60.9461, 0.2513, 0.3217

Rectangle

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



60.9461, 0.2769, 0.2687



60.9461, 0.3377, 0.2933



60.9461, 0.3465, 0.3961



60.9461, 0.2858, 0.3690

Sweetspot

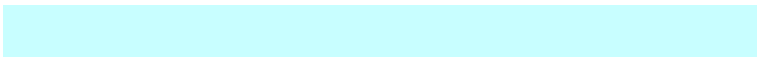
The Sweet Spot groups the original color and five complimentary colors.



60.9481, 0.2769, 0.2687



87.8894, 0.3037, 0.3138



90.4334, 0.2804, 0.3279



18.5425, 0.3027, 0.3121



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.



60.9481, 0.2769, 0.2687



54.4348, 0.2684, 0.2544



65.0817, 0.2959, 0.2719



17.3949, 0.2981, 0.3044



3.7970, 0.1506, 0.0603



0.3755, 0.1520, 0.0611

Inverse Universe

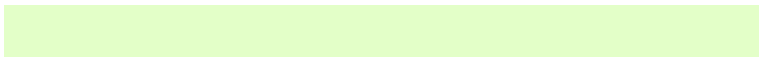
The Inverse Universe completely reimagines the original color for something new.



69.7110, 0.3160, 0.2762



64.6621, 0.3167, 0.2652



91.9512, 0.3266, 0.3864



18.2938, 0.3141, 0.3060



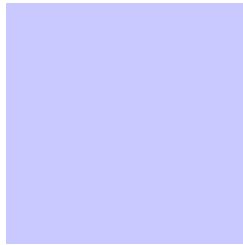
14.7168, 0.3259, 0.1569



1.4348, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 60.9461, 0.2769, 0.2687 looks on a white background.

Color Contrast Check

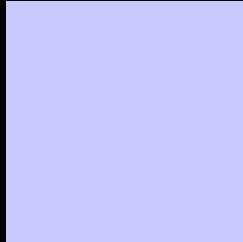
Large Text (above 18pt) WCAG AA × Fail

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 60.9461, 0.2769, 0.2687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

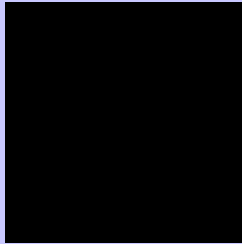
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9461, 0.2769, 0.2687

Background



This preview shows how black text looks on a background with the Yxy color 60.9461, 0.2769, 0.2687.



This preview shows how white text looks on a background with the Yxy color 60.9461, 0.2769, 0.2687.

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

60.9461, 0.2769, 0.2687

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.1354, 0.2756, 0.2696



Tritanopia

61.0186, 0.2938, 0.3103

Trichromacy



Original Color

60.9461, 0.2769, 0.2687

Protanomaly

61.0632, 0.2730, 0.2703

Deuteranomaly

61.2726, 0.2763, 0.2697

Tritanomaly

60.9966, 0.2874, 0.2947

Monochromacy



Original Color

60.9461, 0.2769, 0.2687

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.5467, 0.2996, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9461, 0.2769, 0.2687 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(201, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.9461, 0.2769, 0.2687 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(201, 200, 255) }
```

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

```
.border{ border-color:rgb(201, 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(201, 200, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9461, 0.2769, 0.2687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 200, 255) }
```

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

```
.background{ background-color: rgb(201,  
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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