

Converting Colors

$Yxy(60.3263, 0.2774, 0.2670)$

Have a look what the booklet for
Yxy(60.3263, 0.2774, 0.2670)
contains.

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Color

Yxy(60.1647, 0.2774, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	CAC6FF
RGB	202, 198, 255
RGB Percent	79%, 78%, 100%
CMY	0.2078, 0.2235, 0.0001
CMYK	0.21, 0.22, 0.00, 0.00
HSL	244°, 100%, 89%
HSV	244°, 22%, 100%
XYZ	62.6020, 60.1647, 102.9074
YIQ	205.6940, -15.9130, 18.5750

Conversions

Conversions Part 2

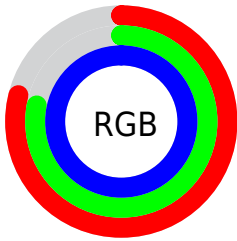
Format	Color
R _Y B	202, 198, 255
Decimal	13289215
CIE Lab	81.93, 12.93, -27.43
CIE LCh	82, 30.326, 295.235
Yxy	60.1647, 0.2774, 0.2666
Android (android.graphics.Color)	4291479295 (0xFFCAC6FF)
YUV	205.6940, 24.3079, -3.2396
Hunter-Lab	77.5659, 8.3236, -24.3644

Details

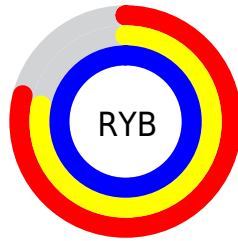
The Yxy color **60.1647, 0.2774, 0.2666** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.0912, 0.3439, 0.3855**, and the grayscale version is **61.3676, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2268, 0.2683, 0.2519** is the 20% darker color. If you saturate the color by 10%, you get **46.4185, 0.2585, 0.2337**, and if you desaturate by 10%, it is **76.3857, 0.2945, 0.2966**.

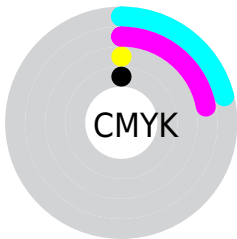
Distribution



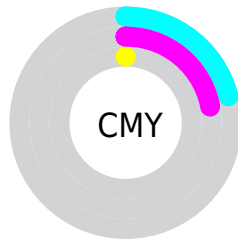
- Red (79%)
- Green (78%)
- Blue (100%)



- 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 60.1647, 0.2774, 0.2666 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 60.1647, 0.2774, 0.2666 by changing the saturation by 10% instead.

■ 60.1647, 0.2774,
0.2666

■ 60.1647, 0.2774,
0.2666

425.2046, 0.2943,
0.2953

■ 43.5514, 0.2734,
0.2601

105.0685, 0.2834,
0.2765

■ 30.3180, 0.2684,
0.2522

134.1279, 0.2857,
0.2804

■ 20.0801, 0.2620,
0.2422

168.1047, 0.2876,
0.2837

■ 12.4533, 0.2536,
0.2293

207.3834, 0.2893,
0.2866

■ 7.0532, 0.2419,
0.2122

252.3483, 0.2908,
0.2892

■ 3.4954, 0.2250,
0.1884

303.3839, 0.2921,

■ 1.3955, 0.1985,

0.2915

0.1538

360.8745, 0.2933,
0.2935

0.2134, 0.1510,
0.0621

0.0000, 0.0000,
0.0000

60.1647, 0.2774,
0.2666

60.1647, 0.2774,
0.2666

46.4185, 0.2585,
0.2337

76.3857, 0.2945,
0.2966

35.0185, 0.2381,
0.1989

95.1870, 0.3095,
0.3232

25.8355, 0.2172,
0.1636

99.9990, 0.3127,
0.3290

18.7251, 0.1970,
0.1303

■ 13.5256, 0.1791,
0.1014

■ 10.0513, 0.1650,
0.0796

■ 8.0793, 0.1556,
0.0661

■ 7.3473, 0.1516,
0.0609

Harmonies

Analogous

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



60.1647, 0.2511, 0.2690



60.1647, 0.2774, 0.2666



60.1647, 0.3147, 0.2787

Triad

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



60.1647, 0.2774, 0.2666



60.1647, 0.3903, 0.3641



60.1647, 0.2715, 0.3570

Complementary

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



60.1647, 0.2774, 0.2666



96.0912, 0.3439, 0.3855

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.



60.1647, 0.3070, 0.3877



60.1647, 0.2774, 0.2666



60.1647, 0.3765, 0.3891

Square

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



60.1647, 0.2774, 0.2666



60.1647, 0.3820, 0.3327



60.1647, 0.3456, 0.3991



60.1647, 0.2478, 0.3189

Rectangle

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



60.1647, 0.2774, 0.2666



60.1647, 0.3412, 0.2934



60.1647, 0.3456, 0.3991



60.1647, 0.2824, 0.3687

Sweetspot

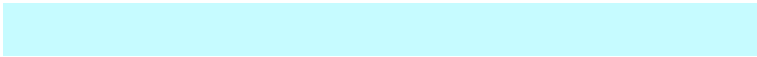
The Sweet Spot groups the original color and five complimentary colors.



60.1671, 0.2774, 0.2666



86.1231, 0.3027, 0.3112



88.3357, 0.2791, 0.3249



18.1908, 0.3018, 0.3096



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.



60.1671, 0.2774, 0.2666



53.4776, 0.2688, 0.2516



64.4796, 0.2973, 0.2701



17.4389, 0.2989, 0.3045



3.8618, 0.1521, 0.0612



0.3963, 0.1569, 0.0638

Inverse Universe

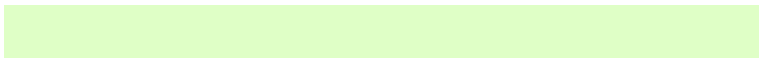
The Inverse Universe completely reimagines the original color for something new.



68.6094, 0.3182, 0.2769



63.3525, 0.3195, 0.2659



91.2271, 0.3253, 0.3890



18.2770, 0.3149, 0.3072



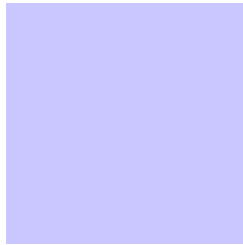
14.3141, 0.3395, 0.1644



1.4001, 0.3371, 0.1631

Previews

White Background



This preview shows how the Yxy color 60.1647, 0.2774, 0.2666 looks on a white background.

Color Contrast Check

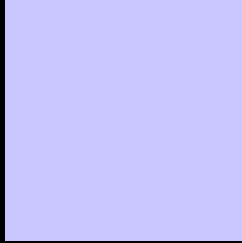
Large Text (above 18pt) WCAG AA × Fail

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 60.1647, 0.2774, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

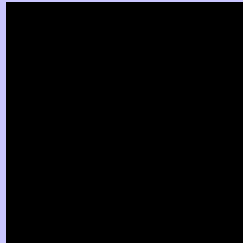
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1647, 0.2774, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 60.1647, 0.2774, 0.2666.

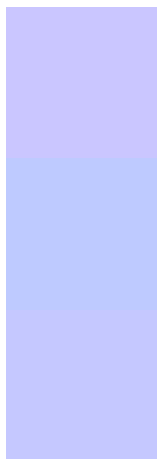


This preview shows how white text looks on a background with the Yxy color 60.1647, 0.2774, 0.2666.

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

60.1647, 0.2774, 0.2666

Protanopia

60.4082, 0.2698, 0.2698

Deuteranopia

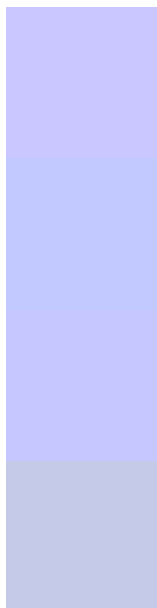
60.3989, 0.2742, 0.2683



Tritanopia

60.0888, 0.2958, 0.3103

Trichromacy



Original Color

60.1647, 0.2774, 0.2666

Protanomaly

60.4626, 0.2723, 0.2691

Deuteranomaly

60.2090, 0.2754, 0.2674

Tritanomaly

60.1300, 0.2886, 0.2936

Monochromacy



Original Color

60.1647, 0.2774, 0.2666

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0728, 0.2996, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1647, 0.2774, 0.2666 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(202, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 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(202, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.1647, 0.2774, 0.2666 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(202, 198, 255) }
```

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

```
.border{ border-color:rgb(202, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1647, 0.2774, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 255) }
```

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

```
.background{ background-color: rgb(202,  
198, 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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