

Converting Colors

$Yxy(62.2705, 0.2722, 0.2647)$

Have a look what the booklet for
Yxy(62.2705, 0.2722, 0.2647)
contains.

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Color

Yxy(61.7404, 0.2764, 0.2709)

Conversions

Conversions Part 1

Format	Color
Hex	C8CAFF
RGB	200, 202, 255
RGB Percent	78%, 79%, 100%
CMY	0.2155, 0.2079, 0.0001
CMYK	0.22, 0.21, 0.00, 0.00
HSL	238°, 100%, 89%
HSV	238°, 22%, 100%
XYZ	62.9939, 61.7404, 103.1742
YIQ	207.4440, -18.2050, 16.0590

Conversions

Conversions Part 2

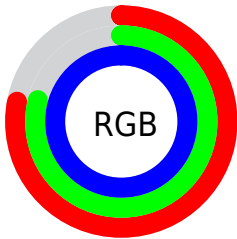
Format	Color
R _Y B	200, 202, 255
Decimal	13159167
CIE Lab	82.78, 10.18, -26.14
CIE LCh	83, 28.053, 291.281
Yxy	61.7404, 0.2764, 0.2709
Android (android.graphics.Color)	4291349247 (0xFFC8CAFF)
YUV	207.4440, 23.4451, -6.5284
Hunter-Lab	78.5751, 5.5977, -22.8491

Details

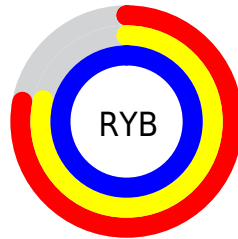
The Yxy color **61.7404, 0.2764, 0.2709** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.6856, 0.3457, 0.3812**, and the grayscale version is **62.5574, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.2768, 0.2672, 0.2574** is the 20% darker color. If you saturate the color by 10%, you get **47.8844, 0.2566, 0.2389**, and if you desaturate by 10%, it is **78.0255, 0.2944, 0.2998**.

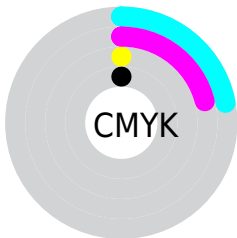
Distribution



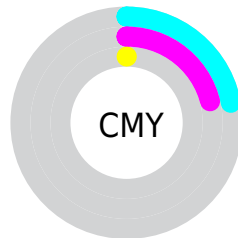
- Red (78%)
- Green (79%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.7404, 0.2764, 0.2709 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 61.7404, 0.2764, 0.2709 by changing the saturation by 10% instead.

■ 61.7404, 0.2764,
0.2709

■ 61.7404, 0.2764,
0.2709

430.9835, 0.2937,
0.2977

■ 44.8230, 0.2724,
0.2648

107.3502, 0.2825,
0.2801

■ 31.3180, 0.2673,
0.2574

136.8115, 0.2848,
0.2838

■ 20.8411, 0.2609,
0.2481

171.2227, 0.2868,
0.2869

■ 13.0079, 0.2525,
0.2360

210.9684, 0.2886,
0.2896

■ 7.4340, 0.2409,
0.2199

256.4329, 0.2901,
0.2920

■ 3.7350, 0.2241,
0.1974

308.0007, 0.2914,

■ 1.5264, 0.1981,

0.2941

0.1645

366.0561, 0.2926,
0.2960

0.3072, 0.1512,
0.0860

0.0000, 0.0000,
0.0000

61.7404, 0.2764,
0.2709

61.7404, 0.2764,
0.2709

47.8844, 0.2566,
0.2389

78.0255, 0.2944,
0.2998

36.3340, 0.2355,
0.2047

96.8404, 0.3104,
0.3254

26.9665, 0.2141,
0.1696

99.9977, 0.3127,
0.3290

19.6445, 0.1937,
0.1359

■ 14.2151, 0.1760,
0.1062

■ 10.5041, 0.1624,
0.0830

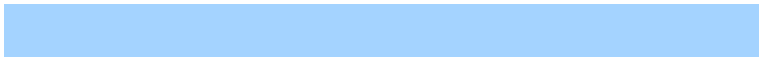
■ 8.3049, 0.1539,
0.0679

■ 7.4143, 0.1504,
0.0615

Harmonies

Analogous

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



61.7404, 0.2538, 0.2752



61.7404, 0.2764, 0.2709



61.7404, 0.3098, 0.2804

Triad

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



61.7404, 0.2764, 0.2709



61.7404, 0.3841, 0.3580



61.7404, 0.2788, 0.3590

Complementary

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



61.7404, 0.2764, 0.2709



95.6856, 0.3457, 0.3812

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.



61.7404, 0.3124, 0.3851



61.7404, 0.2764, 0.2709



61.7404, 0.3740, 0.3820

Square

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



61.7404, 0.2764, 0.2709



61.7404, 0.3737, 0.3288



61.7404, 0.3474, 0.3930



61.7404, 0.2550, 0.3245

Rectangle

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



61.7404, 0.2764, 0.2709



61.7404, 0.3342, 0.2932



61.7404, 0.3474, 0.3930



61.7404, 0.2892, 0.3692

Sweetspot

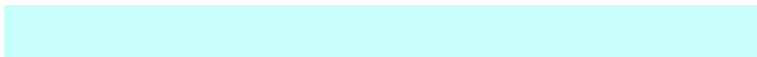
The Sweet Spot groups the original color and five complimentary colors.



61.7429, 0.2764, 0.2709



88.1563, 0.3035, 0.3144



90.8256, 0.2820, 0.3318



18.6053, 0.3025, 0.3127



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.



61.7429, 0.2764, 0.2709



55.2858, 0.2678, 0.2570



64.5167, 0.2933, 0.2716



17.4811, 0.2978, 0.3053



3.9200, 0.1506, 0.0621



0.4165, 0.1520, 0.0671

Inverse Universe

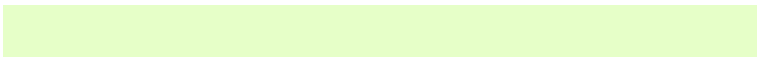
The Inverse Universe completely reimagines the original color for something new.



66.8475, 0.3550, 0.3271



61.2902, 0.3666, 0.3267



92.5346, 0.3290, 0.3859



17.9975, 0.3289, 0.3282



11.1237, 0.6365, 0.3280



1.0866, 0.6280, 0.3233

Previews

White Background



This preview shows how the Yxy color 61.7404, 0.2764, 0.2709 looks on a white background.

Color Contrast Check

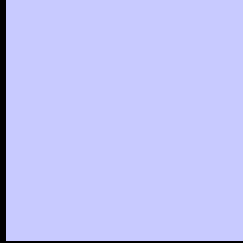
Large Text (above 18pt) WCAG AA × Fail

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 61.7404, 0.2764, 0.2709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

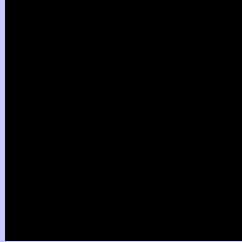
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.7404, 0.2764, 0.2709

Background



This preview shows how black text looks on a background with the Yxy color 61.7404, 0.2764, 0.2709.

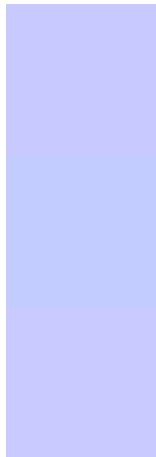


This preview shows how white text looks on a background with the Yxy color 61.7404, 0.2764, 0.2709.

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

61.7404, 0.2764, 0.2709

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

61.8786, 0.2770, 0.2710



Tritanopia

61.9629, 0.2918, 0.3104

Trichromacy



Original Color

61.7404, 0.2764, 0.2709

Protanomaly

61.6676, 0.2738, 0.2716

Deuteranomaly

61.8786, 0.2770, 0.2710

Tritanomaly

61.8765, 0.2861, 0.2959

Monochromacy



Original Color

61.7404, 0.2764, 0.2709

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.8818, 0.2989, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7404, 0.2764, 0.2709 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(200, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 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(200, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.7404, 0.2764, 0.2709 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(200, 202, 255) }
```

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

```
.border{ border-color:rgb(200, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7404, 0.2764, 0.2709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 255) }
```

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

```
.background{ background-color: rgb(200,  
202, 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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