

Converting Colors

$Yxy(64.0107, 0.2764, 0.2764)$

Have a look what the booklet for
Yxy(64.0107, 0.2764, 0.2764)
contains.

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Color

Yxy(63.9878, 0.2761, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	C7CFFF
RGB	199, 207, 255
RGB Percent	78%, 81%, 100%
CMY	0.2196, 0.1882, 0.0000
CMYK	0.22, 0.19, 0.00, 0.00
HSL	231°, 100%, 89%
HSV	231°, 22%, 100%
XYZ	63.9183, 63.9878, 103.5982
YIQ	210.0800, -20.1760, 13.2320

Conversions

Conversions Part 2

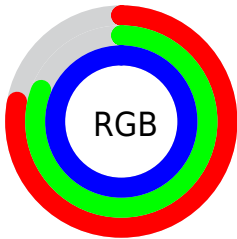
Format	Color
R_{YB}	199, 206, 255
Decimal	13094911
CIE _{Lab}	83.96, 7.20, -24.37
CIE _{LCh}	84, 25.408, 286.460
Yxy	63.9878, 0.2761, 0.2764
Android (android.graphics.Color)	4291284991 (0xFFC7CFFF)
YUV	210.0800, 22.1456, -9.7172
Hunter-Lab	79.9924, 2.6448, -20.7919

Details

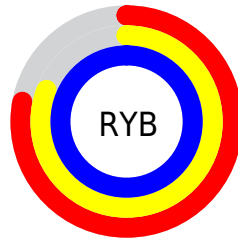
The Yxy color **63.9878, 0.2761, 0.2764** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.9094, 0.3475, 0.3766**, and the grayscale version is **64.3675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7890, 0.2671, 0.2647** is the 20% darker color. If you saturate the color by 10%, you get **50.9197, 0.2570, 0.2480**, and if you desaturate by 10%, it is **79.1104, 0.2938, 0.3021**.

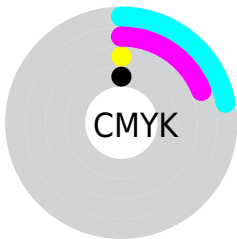
Distribution



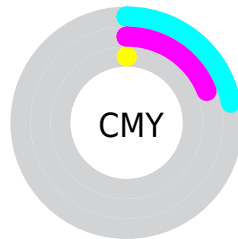
- Red (78%)
- Green (81%)
- Blue (100%)



- Red (78%)
- Yellow (81%)
- Blue (100%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9878, 0.2761, 0.2764 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 63.9878, 0.2761, 0.2764 by changing the saturation by 10% instead.

■ 63.9878, 0.2761,
0.2764

■ 63.9878, 0.2761,
0.2764

439.1456, 0.2934,
0.3006

■ 46.6408, 0.2721,
0.2709

110.5934, 0.2821,
0.2848

■ 32.7518, 0.2671,
0.2642

140.6207, 0.2845,
0.2880

■ 21.9364, 0.2608,
0.2557

175.6436, 0.2865,
0.2909

■ 13.8101, 0.2526,
0.2447

216.0465, 0.2882,
0.2933

■ 7.9887, 0.2413,
0.2300

262.2138, 0.2897,
0.2955

■ 4.0877, 0.2250,
0.2094

314.5298, 0.2911,

■ 1.7228, 0.2001,

0.2974

0.1789

373.3789, 0.2923,
0.2991

0.4383, 0.1561,
0.1155

0.0000, 0.0000,
0.0000

63.9878, 0.2761,
0.2764

63.9878, 0.2761,
0.2764

50.9197, 0.2570,
0.2480

79.1104, 0.2938,
0.3021

39.8115, 0.2369,
0.2173

96.3655, 0.3098,
0.3249

30.5695, 0.2167,
0.1853

100.0000, 0.3127,
0.3290

23.0900, 0.1973,
0.1537

■ 17.2589, 0.1802,
0.1242

■ 12.9485, 0.1665,
0.0991

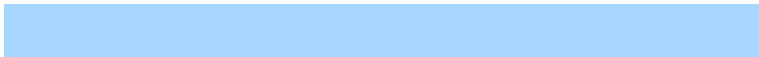
■ 10.0110, 0.1571,
0.0800

■ 8.5064, 0.1526,
0.0695

Harmonies

Analogous

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



63.9878, 0.2576, 0.2826



63.9878, 0.2761, 0.2764



63.9878, 0.3050, 0.2830

Triad

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



63.9878, 0.2761, 0.2764



63.9878, 0.3762, 0.3513



63.9878, 0.2868, 0.3602

Complementary

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



63.9878, 0.2761, 0.2764



91.9094, 0.3475, 0.3766

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.



63.9878, 0.3178, 0.3812



63.9878, 0.2761, 0.2764



63.9878, 0.3702, 0.3738

Square

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



63.9878, 0.2761, 0.2764



63.9878, 0.3641, 0.3248



63.9878, 0.3485, 0.3857



63.9878, 0.2635, 0.3301

Rectangle

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



63.9878, 0.2761, 0.2764



63.9878, 0.3268, 0.2936



63.9878, 0.3485, 0.3857



63.9878, 0.2966, 0.3687

Sweetspot

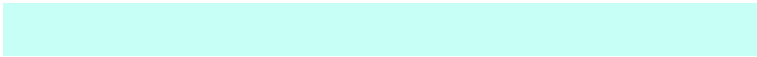
The Sweet Spot groups the original color and five complimentary colors.



63.9897, 0.2761, 0.2764



87.3930, 0.3019, 0.3138



90.3540, 0.2843, 0.3378



18.4838, 0.3010, 0.3124



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.



63.9897, 0.2761, 0.2764



58.4642, 0.2685, 0.2652



63.0695, 0.2889, 0.2697



17.7959, 0.2979, 0.3080



4.5705, 0.1531, 0.0712



0.5649, 0.1577, 0.0876

Inverse Universe

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



66.6157, 0.3513, 0.3209



61.6111, 0.3606, 0.3193



93.3747, 0.3330, 0.3864



18.0293, 0.3272, 0.3256



11.1894, 0.6213, 0.3196



1.1016, 0.5950, 0.3051

Previews

White Background



This preview shows how the Yxy color 63.9878, 0.2761, 0.2764 looks on a white background.

Color Contrast Check

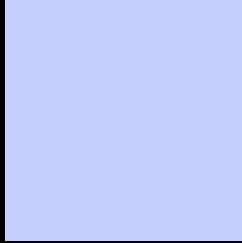
Large Text (above 18pt) WCAG AA × Fail

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 63.9878, 0.2761, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

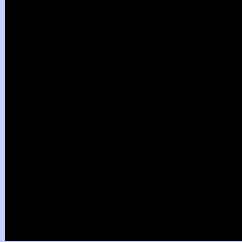
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9878, 0.2761, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 63.9878, 0.2761, 0.2764.



This preview shows how white text looks on a background with the Yxy color 63.9878, 0.2761, 0.2764.

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

63.9878, 0.2761, 0.2764

Protanopia

63.8514, 0.2755, 0.2763

Deuteranopia

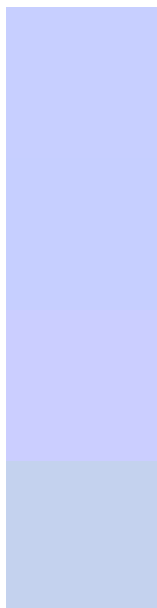
64.0045, 0.2806, 0.2749



Tritanopia

64.1577, 0.2894, 0.3106

Trichromacy



Original Color

63.9878, 0.2761, 0.2764

Protanomaly

63.8514, 0.2755, 0.2763

Deuteranomaly

64.0591, 0.2787, 0.2757

Tritanomaly

64.0020, 0.2845, 0.2973

Monochromacy



Original Color

63.9878, 0.2761, 0.2764

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.2137, 0.2990, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9878, 0.2761, 0.2764 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(199, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 207, 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(199, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 207, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.9878, 0.2761, 0.2764 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(199, 207, 255) }
```

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

```
.border{ border-color:rgb(199, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 207,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9878, 0.2761, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 207, 255) }
```

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

```
.background{ background-color: rgb(199,  
207, 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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