

Converting Colors

$Yxy(61.7714, 0.2766, 0.2725)$

Have a look what the booklet for
Yxy(61.7714, 0.2766, 0.2725)
contains.

Yxy(61.5389, 0.2763, 0.2718)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(61.5389, 0.2763, 0.2718)

Conversions

Conversions Part 1

Format	Color
Hex	C7CAFE
RGB	199, 202, 254
RGB Percent	78%, 79%, 100%
CMY	0.2196, 0.2078, 0.0041
CMYK	0.22, 0.20, 0.00, 0.00
HSL	237°, 96%, 89%
HSV	237°, 22%, 100%
XYZ	62.5578, 61.5389, 102.3158
YIQ	207.0310, -18.4800, 15.5360

Conversions

Conversions Part 2

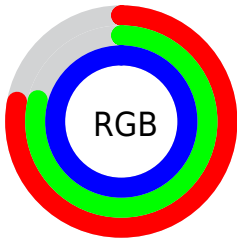
Format	Color
R _Y B	199, 202, 254
Decimal	13093630
CIE Lab	82.67, 9.64, -25.78
CIE LCh	83, 27.521, 290.497
Yxy	61.5389, 0.2763, 0.2718
Android (android.graphics.Color)	4291283710 (0xFFC7CAFE)
YUV	207.0310, 23.1557, -7.0432
Hunter-Lab	78.4467, 5.0640, -22.4175

Details

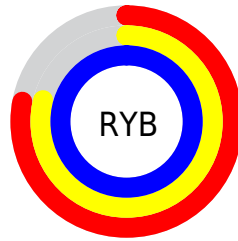
The Yxy color **61.5389, 0.2763, 0.2718** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.1530, 0.3461, 0.3804**, and the grayscale version is **62.2755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1403, 0.2671, 0.2585** is the 20% darker color. If you saturate the color by 10%, you get **47.9493, 0.2566, 0.2404**, and if you desaturate by 10%, it is **77.4654, 0.2943, 0.3001**.

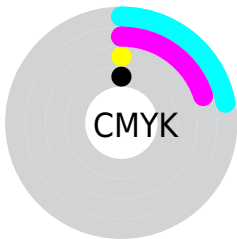
Distribution



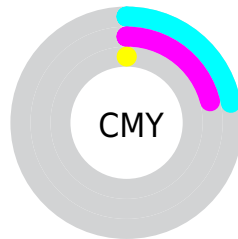
- Red (78%)
- Green (79%)
- Blue (100%)



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



- Cyan (22%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.5389, 0.2763, 0.2718 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 61.5389, 0.2763, 0.2718 by changing the saturation by 10% instead.

61.5389, 0.2763,
0.2718

61.5389, 0.2763,
0.2718

430.2472, 0.2936,
0.2982

44.6602, 0.2723,
0.2658

107.0588, 0.2824,
0.2809

31.1899, 0.2672,
0.2585

136.4689, 0.2847,
0.2845

20.7435, 0.2608,
0.2492

170.8248, 0.2867,
0.2876

12.9366, 0.2523,
0.2373

210.5111, 0.2885,
0.2902

7.3849, 0.2406,
0.2212

255.9121, 0.2900,
0.2926

3.7040, 0.2237,
0.1989

307.4122, 0.2914,

1.5094, 0.1976,

0.2947

0.1659

365.3957, 0.2926,
0.2965

0.2953, 0.1490,
0.0853

0.0000, 0.0000,
0.0000

61.5389, 0.2763,
0.2718

61.5389, 0.2763,
0.2718

47.9493, 0.2566,
0.2404

77.4654, 0.2943,
0.3001

36.5796, 0.2357,
0.2068

95.8235, 0.3103,
0.3252

27.3140, 0.2145,
0.1723

99.9335, 0.3133,
0.3300

20.0233, 0.1943,
0.1389

■ 14.5638, 0.1767,
0.1091

■ 10.7726, 0.1630,
0.0855

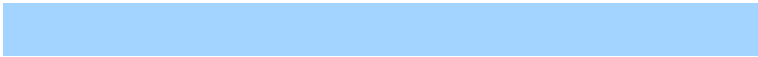
■ 8.4578, 0.1543,
0.0696

■ 7.4651, 0.1507,
0.0623

Harmonies

Analogous

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



61.5389, 0.2544, 0.2764



61.5389, 0.2763, 0.2718



61.5389, 0.3089, 0.2808

Triad

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



61.5389, 0.2763, 0.2718



61.5389, 0.3828, 0.3568



61.5389, 0.2801, 0.3592

Complementary

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



61.5389, 0.2763, 0.2718



94.1530, 0.3461, 0.3804

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.



61.5389, 0.3134, 0.3844



61.5389, 0.2763, 0.2718



61.5389, 0.3734, 0.3806

Square

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



61.5389, 0.2763, 0.2718



61.5389, 0.3720, 0.3281



61.5389, 0.3476, 0.3918



61.5389, 0.2564, 0.3255

Rectangle

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



61.5389, 0.2763, 0.2718



61.5389, 0.3329, 0.2932



61.5389, 0.3476, 0.3918



61.5389, 0.2905, 0.3692

Sweetspot

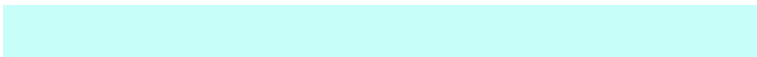
The Sweet Spot groups the original color and five complimentary colors.



61.5414, 0.2763, 0.2718



88.3302, 0.3035, 0.3147



89.9239, 0.2823, 0.3328



18.6462, 0.3025, 0.3130



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.



61.5414, 0.2763, 0.2718



55.8453, 0.2679, 0.2585



63.6593, 0.2926, 0.2712



17.5372, 0.2978, 0.3058



4.0001, 0.1509, 0.0632



0.4431, 0.1530, 0.0709

Inverse Universe

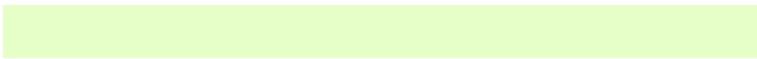
The Inverse Universe completely reimagines the original color for something new.



66.1756, 0.3544, 0.3260



61.3467, 0.3656, 0.3254



91.8315, 0.3297, 0.3860



18.0032, 0.3286, 0.3277



11.1318, 0.6346, 0.3269



1.0893, 0.6217, 0.3199

Previews

White Background



This preview shows how the Yxy color 61.5389, 0.2763, 0.2718 looks on a white background.

Color Contrast Check

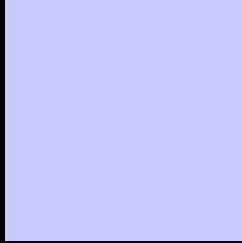
Large Text (above 18pt) WCAG AA × Fail

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 61.5389, 0.2763, 0.2718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

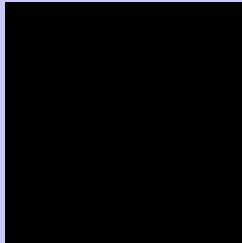
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.5389, 0.2763, 0.2718

Background



This preview shows how black text looks on a background with the Yxy color 61.5389, 0.2763, 0.2718.

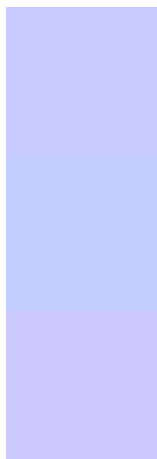


This preview shows how white text looks on a background with the Yxy color 61.5389, 0.2763, 0.2718.

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

61.5389, 0.2763, 0.2718

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3466, 0.2775, 0.2708



Tritanopia

61.3449, 0.2911, 0.3092

Trichromacy



Original Color

61.5389, 0.2763, 0.2718

Protanomaly

61.5340, 0.2731, 0.2715

Deuteranomaly

61.2084, 0.2769, 0.2707

Tritanomaly

61.2629, 0.2854, 0.2947

Monochromacy



Original Color

61.5389, 0.2763, 0.2718

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 61.5389, 0.2763, 0.2718 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, 202, 254)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 254)  
}
```

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, 202, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 254) }
```

Border

The CSS property to change the border of an element to Yxy 61.5389, 0.2763, 0.2718 is called "border". The border property can be set on classes, ids or directly on the HTML element.

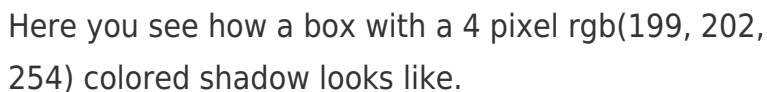
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 202, 254) }
```

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

```
.border{ border-color:rgb(199, 202, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 202, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 254);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5389, 0.2763, 0.2718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 202, 254) }
```

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

```
.background{ background-color: rgb(199,  
202, 254) }
```

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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