

Converting Colors

$Yxy(61.2972, 0.2794, 0.2774)$

Have a look what the booklet for
Yxy(61.2972, 0.2794, 0.2774)
contains.

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Color

Yxy(61.2227, 0.2793, 0.2768)

Conversions

Conversions Part 1

Format	Color
Hex	C7CAF9
RGB	199, 202, 249
RGB Percent	78%, 79%, 98%
CMY	0.2195, 0.2078, 0.0235
CMYK	0.20, 0.19, 0.00, 0.02
HSL	236°, 81%, 88%
HSV	236°, 20%, 98%
XYZ	61.7757, 61.2227, 98.1819
YIQ	206.4610, -16.8750, 13.9810

Conversions

Conversions Part 2

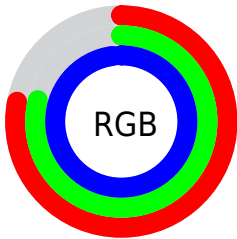
Format	Color
R _Y B	199, 202, 249
Decimal	13093625
CIE Lab	82.50, 8.55, -23.40
CIE LCh	82, 24.908, 290.067
Yxy	61.2227, 0.2793, 0.2768
Android (android.graphics.Color)	4291283705 (0xFFC7CAF9)
YUV	206.4610, 20.9717, -6.5433
Hunter-Lab	78.2449, 4.0000, -19.6258

Details

The Yxy color **61.2227, 0.2793, 0.2768** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.1871, 0.3436, 0.3763**, and the grayscale version is **61.9064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.9149, 0.2709, 0.2649** is the 20% darker color. If you saturate the color by 10%, you get **47.9258, 0.2599, 0.2461**, and if you desaturate by 10%, it is **76.7490, 0.2969, 0.3044**.

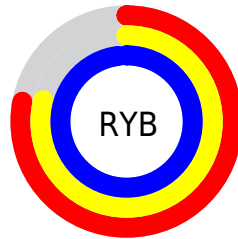
Distribution



Red (78%)

Green (79%)

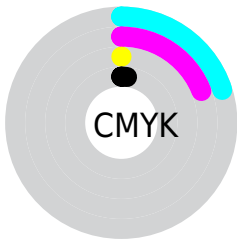
Blue (98%)



Red (78%)

Yellow (79%)

Blue (98%)

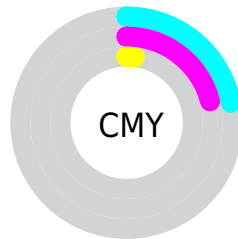


Cyan (20%)

Magenta (19%)

Yellow (0%)

Black (2%)



Cyan (22%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2227, 0.2793, 0.2768 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 61.2227, 0.2793, 0.2768 by changing the saturation by 10% instead.

■ 61.2227, 0.2793,
0.2768

■ 61.2227, 0.2793,
0.2768

429.0901, 0.2952,
0.3010

■ 44.4049, 0.2756,
0.2713

106.6013, 0.2849,
0.2852

■ 30.9890, 0.2709,
0.2645

135.9310, 0.2871,
0.2885

■ 20.5904, 0.2649,
0.2559

170.2000, 0.2889,
0.2913

■ 12.8250, 0.2571,
0.2447

209.7928, 0.2905,
0.2937

■ 7.3081, 0.2462,
0.2297

255.0939, 0.2919,
0.2959

■ 3.6555, 0.2303,
0.2084

306.4875, 0.2932,

■ 1.4828, 0.2053,

0.2978

0.1765

364.3581, 0.2942,
0.2995

0.2766, 0.1547,
0.0907

0.0000, 0.0000,
0.0000

61.2227, 0.2793,
0.2768

61.2227, 0.2793,
0.2768

47.9258, 0.2599,
0.2461

76.7490, 0.2969,
0.3044

36.7488, 0.2392,
0.2129

94.5925, 0.3126,
0.3288

27.5843, 0.2181,
0.1786

99.6195, 0.3162,
0.3347

20.3126, 0.1977,
0.1450

■ 14.8010, 0.1795,
0.1145

■ 10.9000, 0.1651,
0.0896

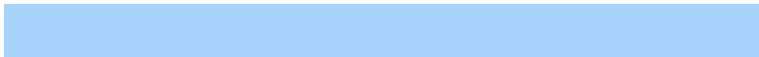
■ 8.4348, 0.1556,
0.0721

■ 7.1768, 0.1508,
0.0627

Harmonies

Analogous

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



61.2227, 0.2594, 0.2814



61.2227, 0.2793, 0.2768



61.2227, 0.3089, 0.2848

Triad

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



61.2227, 0.2793, 0.2768



61.2227, 0.3762, 0.3542



61.2227, 0.2836, 0.3567

Complementary

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



61.2227, 0.2793, 0.2768



90.1871, 0.3436, 0.3763

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.



61.2227, 0.3139, 0.3792



61.2227, 0.2793, 0.2768



61.2227, 0.3681, 0.3757

Square

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



61.2227, 0.2793, 0.2768



61.2227, 0.3662, 0.3280



61.2227, 0.3450, 0.3858



61.2227, 0.2617, 0.3264

Rectangle

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



61.2227, 0.2793, 0.2768



61.2227, 0.3306, 0.2961



61.2227, 0.3450, 0.3858



61.2227, 0.2931, 0.3656

Sweetspot

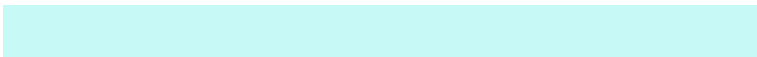
The Sweet Spot groups the original color and five complimentary colors.



61.2252, 0.2793, 0.2768



88.3741, 0.3035, 0.3148



86.5289, 0.2844, 0.3325



18.6565, 0.3025, 0.3131



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.



61.2252, 0.2793, 0.2768



58.7996, 0.2718, 0.2650



63.0169, 0.2943, 0.2758



16.8090, 0.2979, 0.3059



3.9063, 0.1510, 0.0636



0.4183, 0.1534, 0.0723

Inverse Universe

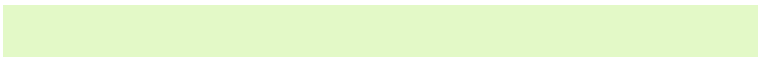
The Inverse Universe completely reimagines the original color for something new.



65.2597, 0.3504, 0.3260



63.8064, 0.3601, 0.3254



88.2616, 0.3284, 0.3816



17.2420, 0.3285, 0.3276



10.8052, 0.6340, 0.3266



1.0065, 0.6194, 0.3186

Previews

White Background



This preview shows how the Yxy color 61.2227, 0.2793, 0.2768 looks on a white background.

Color Contrast Check

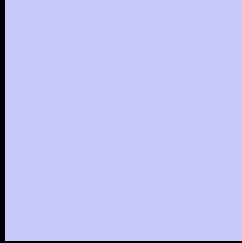
Large Text (above 18pt) WCAG AA × Fail

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 61.2227, 0.2793, 0.2768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

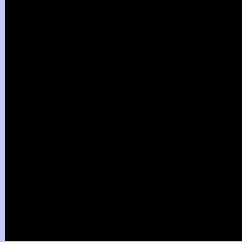
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2227, 0.2793, 0.2768

Background



This preview shows how black text looks on a background with the Yxy color 61.2227, 0.2793, 0.2768.



This preview shows how white text looks on a background with the Yxy color 61.2227, 0.2793, 0.2768.

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

61.2227, 0.2793, 0.2768

Protanopia

61.2161, 0.2761, 0.2765

Deuteranopia

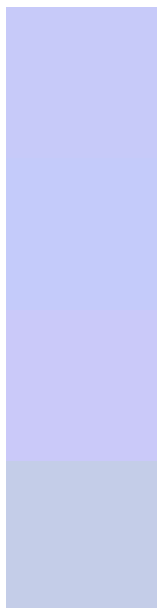
61.3094, 0.2819, 0.2761



Tritanopia

61.4227, 0.2924, 0.3103

Trichromacy



Original Color

61.2227, 0.2793, 0.2768

Protanomaly

61.3498, 0.2767, 0.2766

Deuteranomaly

61.1694, 0.2813, 0.2760

Tritanomaly

61.2246, 0.2880, 0.2980

Monochromacy



Original Color

61.2227, 0.2793, 0.2768

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6331, 0.2995, 0.3095

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2227, 0.2793, 0.2768 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(199, 202, 249)  
}
```

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, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 249) }
```

Border

The CSS property to change the border of an element to Yxy 61.2227, 0.2793, 0.2768 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, 249) }
```

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

```
.border{ border-color:rgb(199, 202, 249) }
```

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, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 249);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2227, 0.2793, 0.2768 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, 249) }
```

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

```
.background{ background-color: rgb(199,  
202, 249) }
```

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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