

Converting Colors

$Yxy(61.5897, 0.2756, 0.2707)$

Have a look what the booklet for
Yxy(61.5897, 0.2756, 0.2707)
contains.

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Color

Yxy(61.6032, 0.2757, 0.2708)

Conversions

Conversions Part 1

Format	Color
Hex	C7CAFF
RGB	199, 202, 255
RGB Percent	78%, 79%, 100%
CMY	0.2196, 0.2078, 0.0001
CMYK	0.22, 0.21, 0.00, 0.00
HSL	237°, 100%, 89%
HSV	237°, 22%, 100%
XYZ	62.7179, 61.6032, 103.1649
YIQ	207.1450, -18.8010, 15.8470

Conversions

Conversions Part 2

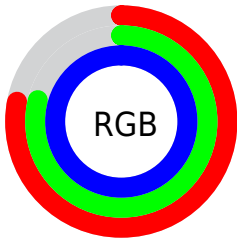
Format	Color
RYB	199, 202, 255
Decimal	13093631
CIELab	82.70, 9.86, -26.26
CIElCh	83, 28.050, 290.579
Yxy	61.6032, 0.2757, 0.2708
Android (android.graphics.Color)	4291283711 (0xFFC7CAFF)
YUV	207.1450, 23.5925, -7.1432
Hunter-Lab	78.4877, 5.2821, -22.9899

Details

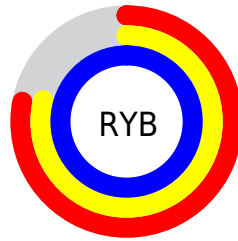
The Yxy color **61.6032, 0.2757, 0.2708** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.9677, 0.3466, 0.3812**, and the grayscale version is **62.3497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1863, 0.2663, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **47.9555, 0.2560, 0.2393**, and if you desaturate by 10%, it is **77.6095, 0.2937, 0.2993**.

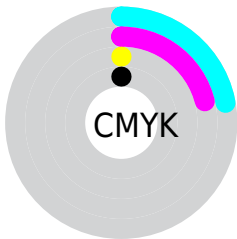
Distribution



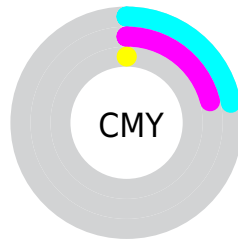
- Red (78%)
- Green (79%)
- Blue (100%)



- 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 61.6032, 0.2757, 0.2708 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 61.6032, 0.2757, 0.2708 by changing the saturation by 10% instead.

■ 61.6032, 0.2757,
0.2708

■ 61.6032, 0.2757,
0.2708

430.4822, 0.2933,
0.2976

■ 44.7122, 0.2716,
0.2647

107.1518, 0.2819,
0.2801

■ 31.2308, 0.2665,
0.2573

136.5782, 0.2843,
0.2837

■ 20.7746, 0.2599,
0.2479

170.9518, 0.2863,
0.2868

■ 12.9594, 0.2513,
0.2358

210.6571, 0.2881,
0.2895

■ 7.4006, 0.2395,
0.2196

256.0783, 0.2896,
0.2919

■ 3.7139, 0.2225,
0.1970

307.6000, 0.2910,

■ 1.5148, 0.1961,

0.2940

0.1639

365.6065, 0.2922,
0.2959

0.2991, 0.1479,
0.0843

0.0000, 0.0000,
0.0000

61.6032, 0.2757,
0.2708

61.6032, 0.2757,
0.2708

47.9555, 0.2560,
0.2393

77.6095, 0.2937,
0.2993

36.5479, 0.2350,
0.2056

96.0707, 0.3098,
0.3245

27.2629, 0.2138,
0.1710

99.9980, 0.3127,
0.3290

19.9692, 0.1937,
0.1377

■ 14.5210, 0.1761,
0.1081

■ 10.7526, 0.1626,
0.0847

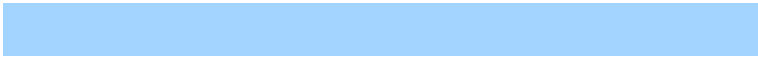
■ 8.4683, 0.1541,
0.0691

■ 7.5251, 0.1507,
0.0623

Harmonies

Analogous

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



61.6032, 0.2534, 0.2754



61.6032, 0.2757, 0.2708



61.6032, 0.3089, 0.2800

Triad

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



61.6032, 0.2757, 0.2708



61.6032, 0.3841, 0.3573



61.6032, 0.2794, 0.3597

Complementary

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



61.6032, 0.2757, 0.2708



94.9677, 0.3466, 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.



61.6032, 0.3132, 0.3855



61.6032, 0.2757, 0.2708



61.6032, 0.3745, 0.3815

Square

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



61.6032, 0.2757, 0.2708



61.6032, 0.3732, 0.3281



61.6032, 0.3482, 0.3930



61.6032, 0.2554, 0.3253

Rectangle

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



61.6032, 0.2757, 0.2708



61.6032, 0.3334, 0.2927



61.6032, 0.3482, 0.3930



61.6032, 0.2900, 0.3699

Sweetspot

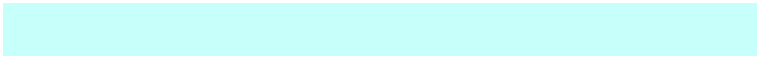
The Sweet Spot groups the original color and five complimentary colors.



61.6057, 0.2757, 0.2708



86.4646, 0.3019, 0.3122



90.6211, 0.2819, 0.3328



18.2696, 0.3010, 0.3106



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.



61.6057, 0.2757, 0.2708



55.8198, 0.2679, 0.2584



63.7901, 0.2922, 0.2703



17.5347, 0.2978, 0.3057



3.9963, 0.1509, 0.0632



0.4419, 0.1530, 0.0708

Inverse Universe

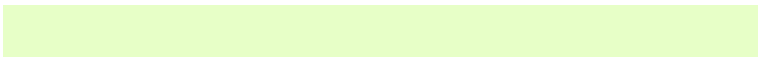
The Inverse Universe completely reimagines the original color for something new.



66.3632, 0.3552, 0.3260



61.3441, 0.3656, 0.3254



92.5642, 0.3299, 0.3869



18.0029, 0.3286, 0.3278



11.1314, 0.6347, 0.3270



1.0892, 0.6220, 0.3200

Previews

White Background



This preview shows how the Yxy color 61.6032, 0.2757, 0.2708 looks on a white background.

Color Contrast Check

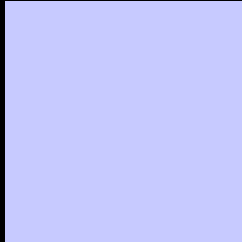
Large Text (above 18pt) WCAG AA × Fail

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 61.6032, 0.2757, 0.2708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

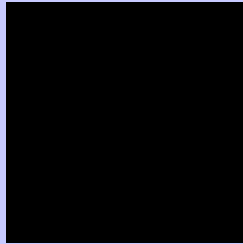
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6032, 0.2757, 0.2708

Background



This preview shows how black text looks on a background with the Yxy color 61.6032, 0.2757, 0.2708.

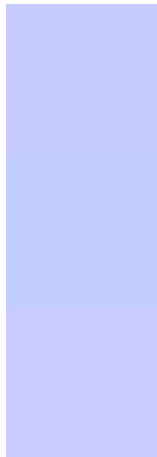


This preview shows how white text looks on a background with the Yxy color 61.6032, 0.2757, 0.2708.

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

61.6032, 0.2757, 0.2708

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.8786, 0.2770, 0.2710



Tritanopia

61.8310, 0.2911, 0.3103

Trichromacy



Original Color

61.6032, 0.2757, 0.2708

Protanomaly

61.5340, 0.2731, 0.2715

Deuteranomaly

61.7404, 0.2764, 0.2709

Tritanomaly

61.7429, 0.2855, 0.2959

Monochromacy



Original Color

61.6032, 0.2757, 0.2708

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 61.6032, 0.2757, 0.2708 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6032, 0.2757, 0.2708 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, 255) }
```

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

```
.border{ border-color:rgb(199, 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(199, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6032, 0.2757, 0.2708 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, 255) }
```

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

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