

Converting Colors

$Yxy(61.1808, 0.2732, 0.2706)$

Have a look what the booklet for
Yxy(61.1808, 0.2732, 0.2706)
contains.

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Color

Yxy(61.0632, 0.2730, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	C3CAFF
RGB	195, 202, 255
RGB Percent	76%, 79%, 100%
CMY	0.2354, 0.2078, 0.0000
CMYK	0.24, 0.21, 0.00, 0.00
HSL	233°, 100%, 88%
HSV	233°, 24%, 100%
XYZ	61.6732, 61.0632, 103.1726
YIQ	205.9490, -21.1850, 14.9990

Conversions

Conversions Part 2

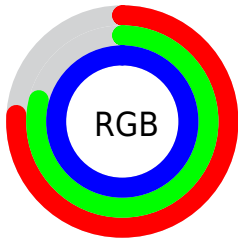
Format	Color
R _Y B	195, 201, 255
Decimal	12831487
CIE Lab	82.41, 8.68, -26.76
CIE LCh	82, 28.135, 287.961
Yxy	61.0632, 0.2730, 0.2703
Android (android.graphics.Color)	4291021567 (0xFFC3CAFF)
YUV	205.9490, 24.1821, -9.6023
Hunter-Lab	78.1429, 4.1283, -23.5809

Details

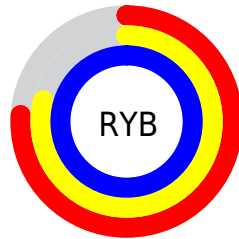
The Yxy color **61.0632, 0.2730, 0.2703** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.3045, 0.3499, 0.3816**, and the grayscale version is **61.5360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.8325, 0.2630, 0.2566** is the 20% darker color. If you saturate the color by 10%, you get **48.1489, 0.2535, 0.2406**, and if you desaturate by 10%, it is **76.0981, 0.2911, 0.2973**.

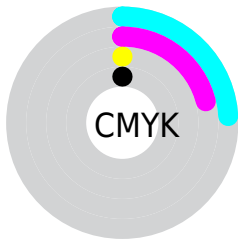
Distribution



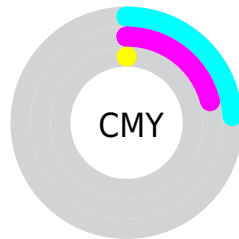
- Red (76%)
- Green (79%)
- Blue (100%)



- Red (76%)
- Yellow (79%)
- Blue (100%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.0632, 0.2730, 0.2703 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 61.0632, 0.2730, 0.2703 by changing the saturation by 10% instead.

61.0632, 0.2730,
0.2703

61.0632, 0.2730,
0.2703

428.5057, 0.2919,
0.2974

44.2762, 0.2686,
0.2641

106.3704, 0.2796,
0.2797

30.8877, 0.2631,
0.2566

135.6594, 0.2822,
0.2833

20.5133, 0.2562,
0.2471

169.8846, 0.2844,
0.2865

12.7687, 0.2470,
0.2347

209.4302, 0.2863,
0.2893

7.2695, 0.2344,
0.2182

254.6807, 0.2879,
0.2917

3.6312, 0.2163,
0.1952

306.0206, 0.2894,

1.4695, 0.1885,

0.2938

0.1615

363.8341, 0.2907,
0.2957

0.2671, 0.1346,
0.0772

0.0000, 0.0000,
0.0000

61.0632, 0.2730,
0.2703

61.0632, 0.2730,
0.2703

48.1489, 0.2535,
0.2406

76.0981, 0.2911,
0.2973

37.2589, 0.2331,
0.2088

93.3428, 0.3074,
0.3212

28.2901, 0.2126,
0.1760

100.0000, 0.3127,
0.3290

21.1299, 0.1933,
0.1441

■ 15.6540, 0.1765,
0.1151

■ 11.7221, 0.1635,
0.0912

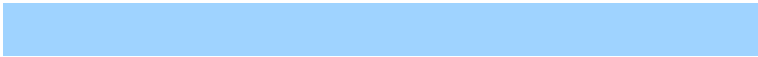
■ 9.1703, 0.1551,
0.0741

■ 8.1451, 0.1519,
0.0668

Harmonies

Analogous

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



61.0632, 0.2518, 0.2762



61.0632, 0.2730, 0.2703



61.0632, 0.3057, 0.2785

Triad

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



61.0632, 0.2730, 0.2703



61.0632, 0.3844, 0.3550



61.0632, 0.2819, 0.3627

Complementary

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



61.0632, 0.2730, 0.2703



92.3045, 0.3499, 0.3816

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.



61.0632, 0.3164, 0.3873



61.0632, 0.2730, 0.2703



61.0632, 0.3765, 0.3801

Square

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



61.0632, 0.2730, 0.2703



61.0632, 0.3717, 0.3255



61.0632, 0.3512, 0.3931



61.0632, 0.2566, 0.3283

Rectangle

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



61.0632, 0.2730, 0.2703



61.0632, 0.3303, 0.2906



61.0632, 0.3512, 0.3931



61.0632, 0.2928, 0.3726

Sweetspot

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



61.0634, 0.2730, 0.2703



87.1270, 0.3019, 0.3133



89.8324, 0.2819, 0.3374



18.4224, 0.3010, 0.3119



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.



61.0634, 0.2730, 0.2703



55.0518, 0.2645, 0.2574



60.9822, 0.2876, 0.2651



17.7210, 0.2979, 0.3073



4.3637, 0.1523, 0.0683



0.5298, 0.1564, 0.0829

Inverse Universe

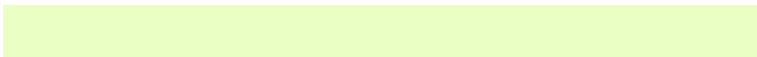
The Inverse Universe completely reimagines the original color for something new.



64.5388, 0.3561, 0.3218



59.1799, 0.3671, 0.3204



92.7799, 0.3337, 0.3909



18.0217, 0.3276, 0.3262



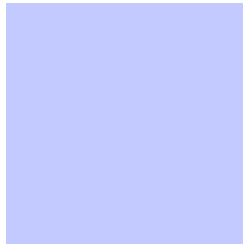
11.1685, 0.6260, 0.3222



1.0980, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 61.0632, 0.2730, 0.2703 looks on a white background.

Color Contrast Check

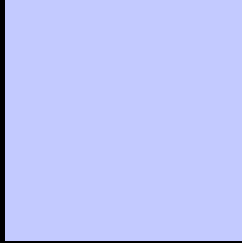
Large Text (above 18pt) WCAG AA × Fail

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 61.0632, 0.2730, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

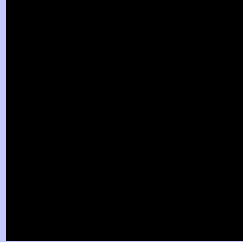
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0632, 0.2730, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 61.0632, 0.2730, 0.2703.



This preview shows how white text looks on a background with the Yxy color 61.0632, 0.2730, 0.2703.

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

61.0632, 0.2730, 0.2703

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

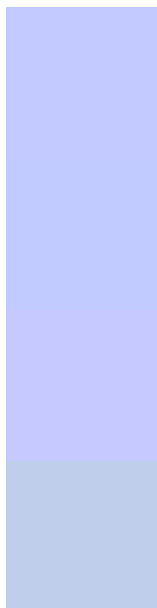
61.1354, 0.2756, 0.2696



Tritanopia

61.3124, 0.2884, 0.3102

Trichromacy



Original Color

61.0632, 0.2730, 0.2703

Protanomaly

61.2693, 0.2718, 0.2713

Deuteranomaly

60.9991, 0.2749, 0.2695

Tritanomaly

61.2171, 0.2827, 0.2956

Monochromacy



Original Color

61.0632, 0.2730, 0.2703

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.6010, 0.2975, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0632, 0.2730, 0.2703 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(195, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.0632, 0.2730, 0.2703 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(195, 202, 255) }
```

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

```
.border{ border-color:rgb(195, 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(195, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0632, 0.2730, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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