

Converting Colors

$Yxy(64.2128, 0.2549, 0.2393)$

Have a look what the booklet for
Yxy(64.2128, 0.2549, 0.2393)
contains.

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Color

Yxy(61.6676, 0.2738, 0.2716)

Conversions

Conversions Part 1

Format	Color
Hex	C4CBFF
RGB	196, 203, 255
RGB Percent	77%, 80%, 100%
CMY	0.2314, 0.2039, 0.0001
CMYK	0.23, 0.20, 0.00, 0.00
HSL	233°, 100%, 88%
HSV	233°, 23%, 100%
XYZ	62.1671, 61.6676, 103.2183
YIQ	206.8350, -20.8640, 14.6880

Conversions

Conversions Part 2

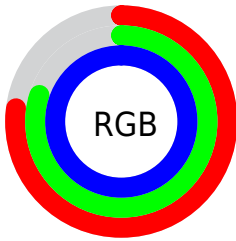
Format	Color
R_{YB}	196, 202, 255
Decimal	12897279
CIE _{Lab}	82.74, 8.43, -26.23
CIE _{LCh}	83, 27.557, 287.821
Yxy	61.6676, 0.2738, 0.2716
Android (android.graphics.Color)	4291087359 (0xFFC4CBFF)
YUV	206.8350, 23.7453, -9.5023
Hunter-Lab	78.5287, 3.8839, -22.9608

Details

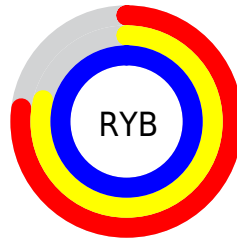
The Yxy color **61.6676, 0.2738, 0.2716** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.3582, 0.3492, 0.3806**, and the grayscale version is **62.1403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **31.2348, 0.2640, 0.2583** is the 20% darker color. If you saturate the color by 10%, you get **48.6822, 0.2544, 0.2420**, and if you desaturate by 10%, it is **76.7767, 0.2918, 0.2984**.

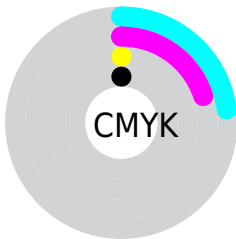
Distribution



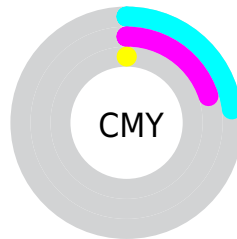
- Red (77%)
- Green (80%)
- Blue (100%)



- Red (77%)
- Yellow (79%)
- Blue (100%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.6676, 0.2738, 0.2716 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 61.6676, 0.2738, 0.2716 by changing the saturation by 10% instead.

■ 61.6676, 0.2738,
0.2716

■ 61.6676, 0.2738,
0.2716

430.7176, 0.2923,
0.2981

■ 44.7642, 0.2695,
0.2656

107.2450, 0.2803,
0.2808

■ 31.2717, 0.2642,
0.2582

136.6877, 0.2828,
0.2843

■ 20.8058, 0.2573,
0.2489

171.0790, 0.2849,
0.2874

■ 12.9821, 0.2484,
0.2369

210.8032, 0.2868,
0.2901

■ 7.4163, 0.2361,
0.2208

256.2448, 0.2884,
0.2925

■ 3.7238, 0.2185,
0.1983

307.7881, 0.2898,

■ 1.5203, 0.1913,

0.2946

0.1652

365.8176, 0.2911,
0.2964

0.3029, 0.1400,
0.0859

0.0000, 0.0000,
0.0000

61.6676, 0.2738,
0.2716

61.6676, 0.2738,
0.2716

48.6822, 0.2544,
0.2420

76.7767, 0.2918,
0.2984

37.7179, 0.2340,
0.2103

94.0911, 0.3080,
0.3222

28.6745, 0.2135,
0.1776

99.9989, 0.3127,
0.3290

21.4405, 0.1941,
0.1456

■ 15.8927, 0.1772,
0.1165

■ 11.8920, 0.1640,
0.0923

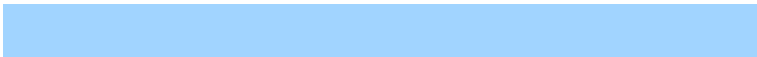
■ 9.2766, 0.1554,
0.0749

■ 8.1634, 0.1520,
0.0670

Harmonies

Analogous

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



61.6676, 0.2531, 0.2775



61.6676, 0.2738, 0.2716



61.6676, 0.3058, 0.2795

Triad

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



61.6676, 0.2738, 0.2716



61.6676, 0.3827, 0.3544



61.6676, 0.2828, 0.3620

Complementary

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



61.6676, 0.2738, 0.2716



92.3582, 0.3492, 0.3806

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.



61.6676, 0.3165, 0.3859



61.6676, 0.2738, 0.2716



61.6676, 0.3751, 0.3789

Square

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



61.6676, 0.2738, 0.2716



61.6676, 0.3702, 0.3255



61.6676, 0.3504, 0.3915



61.6676, 0.2580, 0.3285

Rectangle

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



61.6676, 0.2738, 0.2716



61.6676, 0.3297, 0.2913



61.6676, 0.3504, 0.3915



61.6676, 0.2934, 0.3716

Sweetspot

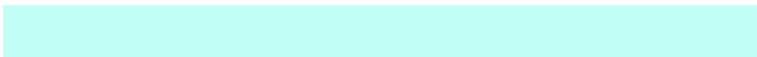
The Sweet Spot groups the original color and five complimentary colors.



61.6701, 0.2738, 0.2716



87.1428, 0.3019, 0.3133



89.9666, 0.2824, 0.3372



18.4260, 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.



61.6701, 0.2738, 0.2716



55.0991, 0.2645, 0.2575



61.5445, 0.2881, 0.2663



17.7254, 0.2979, 0.3074



4.3750, 0.1524, 0.0685



0.5319, 0.1564, 0.0832

Inverse Universe

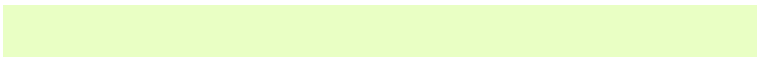
The Inverse Universe completely reimagines the original color for something new.



65.0470, 0.3551, 0.3219



59.1847, 0.3670, 0.3203



92.8774, 0.3334, 0.3898



18.0222, 0.3276, 0.3262



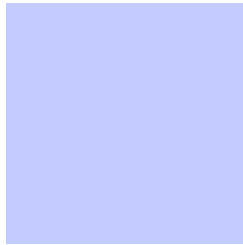
11.1696, 0.6258, 0.3221



1.0982, 0.6019, 0.3090

Previews

White Background



This preview shows how the Yxy color 61.6676, 0.2738, 0.2716 looks on a white background.

Color Contrast Check

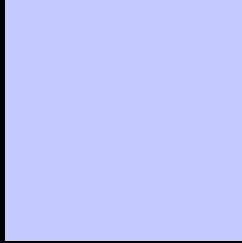
Large Text (above 18pt) WCAG AA × Fail

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 61.6676, 0.2738, 0.2716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

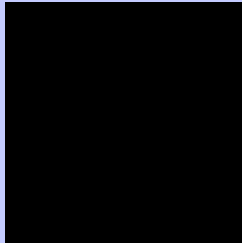
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6676, 0.2738, 0.2716

Background



This preview shows how black text looks on a background with the Yxy color 61.6676, 0.2738, 0.2716.



This preview shows how white text looks on a background with the Yxy color 61.6676, 0.2738, 0.2716.

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

61.6676, 0.2738, 0.2716

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

61.8786, 0.2770, 0.2710



Tritanopia

61.4951, 0.2884, 0.3091

Trichromacy



Original Color

61.6676, 0.2738, 0.2716

Protanomaly

62.0078, 0.2732, 0.2726

Deuteranomaly

61.6032, 0.2757, 0.2708

Tritanomaly

61.4052, 0.2828, 0.2946

Monochromacy



Original Color

61.6676, 0.2738, 0.2716

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.2209, 0.2982, 0.3084

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6676, 0.2738, 0.2716 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(196, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 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(196, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.6676, 0.2738, 0.2716 is called "border". The border property can be set on classes, ids or directly on the HTML element.

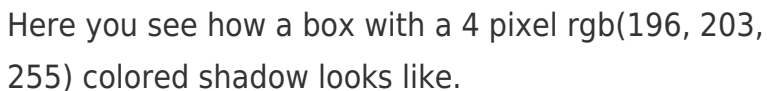
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 203, 255) }
```

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

```
.border{ border-color:rgb(196, 203, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6676, 0.2738, 0.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 255) }
```

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

```
.background{ background-color: rgb(196,  
203, 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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