

Converting Colors

$Y_{xy}(62.8859, 0.2712, 0.2521)$

Have a look what the booklet for
Yxy(62.8859, 0.2712, 0.2521)
contains.

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Color

Yxy(61.4767, 0.2816, 0.2684)

Conversions

Conversions Part 1

Format	Color
Hex	D0C7FF
RGB	208, 199, 255
RGB Percent	82%, 78%, 100%
CMY	0.1840, 0.2197, 0.0000
CMYK	0.18, 0.22, 0.00, 0.00
HSL	250°, 100%, 89%
HSV	250°, 22%, 100%
XYZ	64.5001, 61.4767, 103.0720
YIQ	208.0750, -12.6120, 19.3240

Conversions

Conversions Part 2

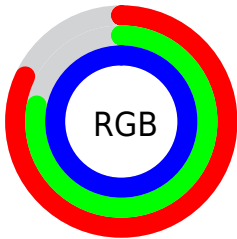
Format	Color
R _Y B	208, 199, 255
Decimal	13682687
CIE Lab	82.63, 14.24, -26.32
CIE LCh	83, 29.921, 298.410
Yxy	61.4767, 0.2816, 0.2684
Android (android.graphics.Color)	4291872767 (0xFFD0C7FF)
YUV	208.0750, 23.1340, -0.0658
Hunter-Lab	78.4071, 9.6274, -23.0562

Details

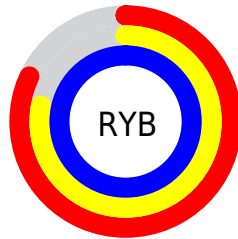
The Yxy color **61.4767, 0.2816, 0.2684** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.2178, 0.3399, 0.3851**, and the grayscale version is **62.9881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.1003, 0.2737, 0.2545** is the 20% darker color. If you saturate the color by 10%, you get **47.8209, 0.2644, 0.2363**, and if you desaturate by 10%, it is **77.5205, 0.2969, 0.2978**.

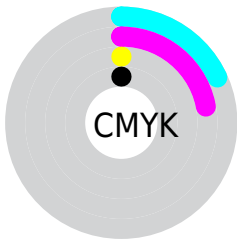
Distribution



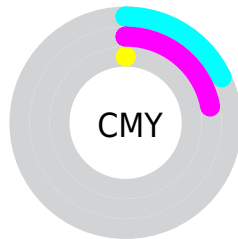
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4767, 0.2816, 0.2684 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 61.4767, 0.2816, 0.2684 by changing the saturation by 10% instead.

■ 61.4767, 0.2816,
0.2684

■ 61.4767, 0.2816,
0.2684

430.0197, 0.2966,
0.2962

■ 44.6100, 0.2781,
0.2622

106.9689, 0.2869,
0.2780

■ 31.1503, 0.2737,
0.2545

136.3631, 0.2889,
0.2817

■ 20.7134, 0.2680,
0.2449

170.7020, 0.2906,
0.2849

■ 12.9146, 0.2605,
0.2326

210.3699, 0.2921,
0.2878

■ 7.3698, 0.2502,
0.2161

255.7512, 0.2935,
0.2902

■ 3.6944, 0.2350,
0.1933

307.2304, 0.2946,

■ 1.5041, 0.2113,

0.2924

0.1602

365.1917, 0.2956,
0.2944

0.2916, 0.1719,
0.0803

0.0000, 0.0000,
0.0000

61.4767, 0.2816,
0.2684

61.4767, 0.2816,
0.2684

47.8209, 0.2644,
0.2363

77.5205, 0.2969,
0.2978

36.4312, 0.2458,
0.2024

96.0515, 0.3103,
0.3242

27.1861, 0.2262,
0.1681

99.9999, 0.3127,
0.3290

19.9496, 0.2067,
0.1355

■ 14.5701, 0.1887,
0.1068

■ 10.8739, 0.1734,
0.0845

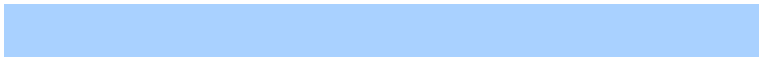
■ 8.6533, 0.1620,
0.0698

■ 7.6992, 0.1559,
0.0632

Harmonies

Analogous

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



61.4767, 0.2543, 0.2692



61.4767, 0.2816, 0.2684



61.4767, 0.3188, 0.2817

Triad

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



61.4767, 0.2816, 0.2684



61.4767, 0.3883, 0.3665



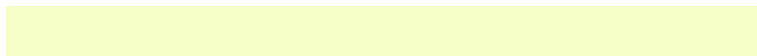
61.4767, 0.2692, 0.3525

Complementary

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



61.4767, 0.2816, 0.2684



95.2178, 0.3399, 0.3851

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.



61.4767, 0.3032, 0.3840



61.4767, 0.2816, 0.2684



61.4767, 0.3727, 0.3898

Square

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



61.4767, 0.2816, 0.2684



61.4767, 0.3825, 0.3360



61.4767, 0.3411, 0.3975



61.4767, 0.2475, 0.3154

Rectangle

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



61.4767, 0.2816, 0.2684



61.4767, 0.3446, 0.2968



61.4767, 0.3411, 0.3975



61.4767, 0.2795, 0.3644

Sweetspot

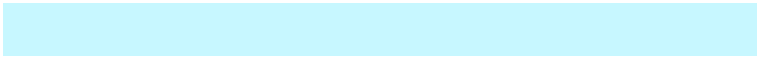
The Sweet Spot groups the original color and five complimentary colors.



61.4792, 0.2816, 0.2684



86.4087, 0.3038, 0.3113



85.6343, 0.2793, 0.3200



18.2568, 0.3030, 0.3097



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.



61.4792, 0.2816, 0.2684



55.6913, 0.2749, 0.2558



65.7878, 0.3009, 0.2717



17.5193, 0.3004, 0.3046



4.0645, 0.1568, 0.0638



0.4341, 0.1657, 0.0686

Inverse Universe

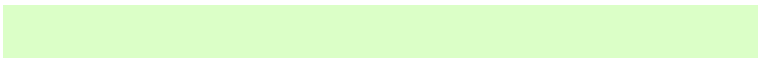
The Inverse Universe completely reimagines the original color for something new.



68.7467, 0.3218, 0.2826



64.0725, 0.3237, 0.2739



90.6379, 0.3221, 0.3884



18.2467, 0.3163, 0.3093



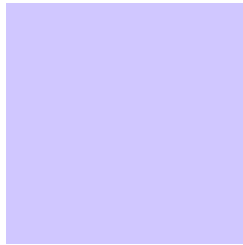
13.6543, 0.3669, 0.1795



1.3424, 0.3607, 0.1761

Previews

White Background



This preview shows how the Yxy color 61.4767, 0.2816, 0.2684 looks on a white background.

Color Contrast Check

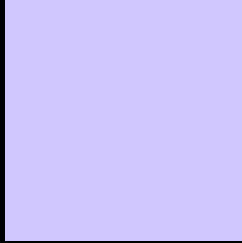
Large Text (above 18pt) WCAG AA × Fail

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 61.4767, 0.2816, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

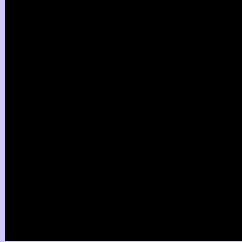
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4767, 0.2816, 0.2684

Background



This preview shows how black text looks on a background with the Yxy color 61.4767, 0.2816, 0.2684.

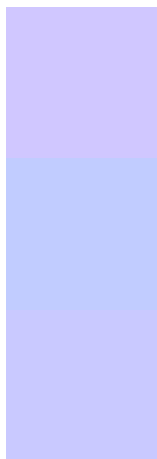


This preview shows how white text looks on a background with the Yxy color 61.4767, 0.2816, 0.2684.

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

61.4767, 0.2816, 0.2684

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

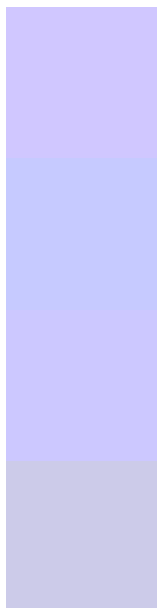
61.4108, 0.2769, 0.2698



Tritanopia

61.4397, 0.2995, 0.3106

Trichromacy



Original Color

61.4767, 0.2816, 0.2684

Protanomaly

61.4668, 0.2750, 0.2707

Deuteranomaly

61.3659, 0.2789, 0.2691

Tritanomaly

61.4324, 0.2929, 0.2952

Monochromacy



Original Color

61.4767, 0.2816, 0.2684

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.5088, 0.3011, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4767, 0.2816, 0.2684 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(208, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 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(208, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.4767, 0.2816, 0.2684 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(208, 199, 255) }
```

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

```
.border{ border-color:rgb(208, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4767, 0.2816, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 255) }
```

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

```
.background{ background-color: rgb(208,  
199, 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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