

Converting Colors

$Yxy(62.7461, 0.2823, 0.2716)$

Have a look what the booklet for
Yxy(62.7461, 0.2823, 0.2716)
contains.

Yxy(63.0164, 0.2824, 0.2719)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.0164, 0.2824, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	D1CAFF
RGB	209, 202, 255
RGB Percent	82%, 79%, 100%
CMY	0.1806, 0.2077, 0.0001
CMYK	0.18, 0.21, 0.00, 0.00
HSL	248°, 100%, 90%
HSV	248°, 21%, 100%
XYZ	65.4499, 63.0164, 103.2968
YIQ	210.1350, -12.8410, 17.9670

Conversions

Conversions Part 2

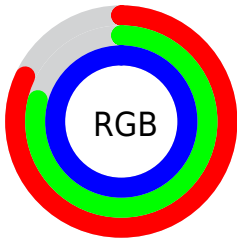
Format	Color
R _Y B	209, 202, 255
Decimal	13748991
CIE Lab	83.45, 12.86, -25.05
CIE LCh	83, 28.161, 297.176
Yxy	63.0164, 0.2824, 0.2719
Android (android.graphics.Color)	4291939071 (0xFFD1CAFF)
YUV	210.1350, 22.1184, -0.9954
Hunter-Lab	79.3829, 8.2504, -21.5830

Details

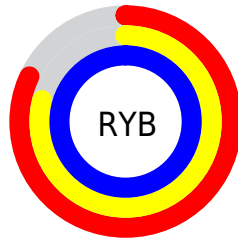
The Yxy color **63.0164, 0.2824, 0.2719** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.7330, 0.3395, 0.3818**, and the grayscale version is **64.3972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.1271, 0.2749, 0.2590** is the 20% darker color. If you saturate the color by 10%, you get **49.0141, 0.2649, 0.2399**, and if you desaturate by 10%, it is **79.4502, 0.2981, 0.3011**.

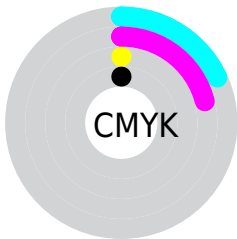
Distribution



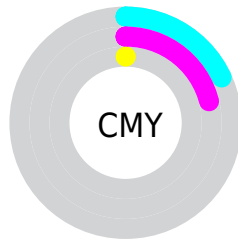
- Red (82%)
- Green (79%)
- Blue (100%)



- Red (82%)
- Yellow (79%)
- Blue (100%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0164, 0.2824, 0.2719 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 63.0164, 0.2824, 0.2719 by changing the saturation by 10% instead.

■ 63.0164, 0.2824,
0.2719

■ 63.0164, 0.2824,
0.2719

435.6290, 0.2969,
0.2980

■ 45.8545, 0.2790,
0.2660

109.1932, 0.2875,
0.2809

■ 32.1310, 0.2748,
0.2588

138.9768, 0.2895,
0.2844

■ 21.4616, 0.2693,
0.2498

173.7365, 0.2911,
0.2875

■ 13.4618, 0.2622,
0.2381

213.8566, 0.2926,
0.2901

■ 7.7473, 0.2523,
0.2226

259.7215, 0.2939,
0.2925

■ 3.9337, 0.2379,
0.2011

311.7156, 0.2950,

■ 1.6365, 0.2153,

0.2945

0.1696

370.2233, 0.2960,
0.2964

0.3820, 0.1784,
0.1006

0.0000, 0.0000,
0.0000

63.0164, 0.2824,
0.2719

63.0164, 0.2824,
0.2719

49.0141, 0.2649,
0.2399

79.4502, 0.2981,
0.3011

37.3203, 0.2457,
0.2058

98.4156, 0.3117,
0.3271

27.8124, 0.2257,
0.1711

99.9982, 0.3127,
0.3290

20.3538, 0.2058,
0.1378

■ 14.7921, 0.1875,
0.1084

■ 10.9536, 0.1720,
0.0852

■ 8.6318, 0.1607,
0.0698

■ 7.5472, 0.1540,
0.0622

Harmonies

Analogous

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



63.0164, 0.2573, 0.2733



63.0164, 0.2824, 0.2719



63.0164, 0.3170, 0.2838

Triad

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



63.0164, 0.2824, 0.2719



63.0164, 0.3835, 0.3632



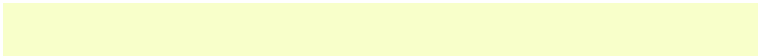
63.0164, 0.2732, 0.3524

Complementary

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



63.0164, 0.2824, 0.2719



95.7330, 0.3395, 0.3818

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.



63.0164, 0.3054, 0.3810



63.0164, 0.2824, 0.2719



63.0164, 0.3697, 0.3852

Square

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



63.0164, 0.2824, 0.2719



63.0164, 0.3771, 0.3346



63.0164, 0.3408, 0.3929



63.0164, 0.2522, 0.3179

Rectangle

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



63.0164, 0.2824, 0.2719



63.0164, 0.3411, 0.2979



63.0164, 0.3408, 0.3929



63.0164, 0.2830, 0.3632

Sweetspot

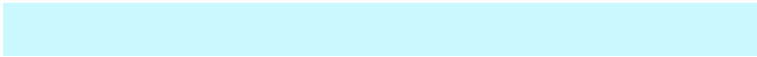
The Sweet Spot groups the original color and five complimentary colors.



63.0190, 0.2824, 0.2719



88.1880, 0.3048, 0.3139



87.4029, 0.2812, 0.3224



18.6127, 0.3039, 0.3122



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.



63.0190, 0.2824, 0.2719



56.8131, 0.2752, 0.2587



67.0782, 0.3004, 0.2748



17.4916, 0.2999, 0.3046



3.9794, 0.1549, 0.0627



0.4211, 0.1627, 0.0670

Inverse Universe

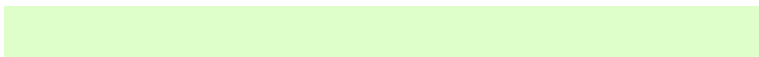
The Inverse Universe completely reimagines the original color for something new.



70.2880, 0.3200, 0.2836



65.3254, 0.3217, 0.2742



91.3480, 0.3227, 0.3847



18.2571, 0.3158, 0.3086



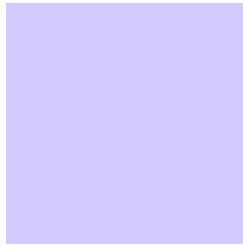
13.8709, 0.3570, 0.1740



1.3615, 0.3523, 0.1714

Previews

White Background



This preview shows how the Yxy color 63.0164, 0.2824, 0.2719 looks on a white background.

Color Contrast Check

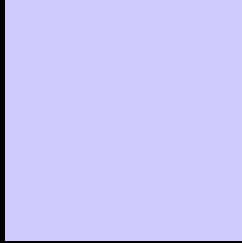
Large Text (above 18pt) WCAG AA × Fail

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 63.0164, 0.2824, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

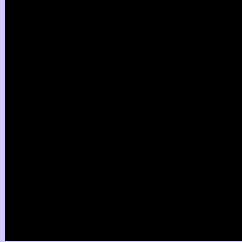
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0164, 0.2824, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 63.0164, 0.2824, 0.2719.

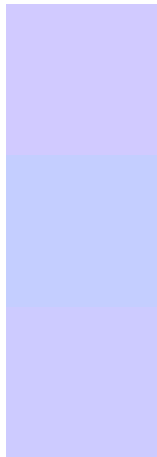


This preview shows how white text looks on a background with the Yxy color 63.0164, 0.2824, 0.2719.

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

63.0164, 0.2824, 0.2719

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

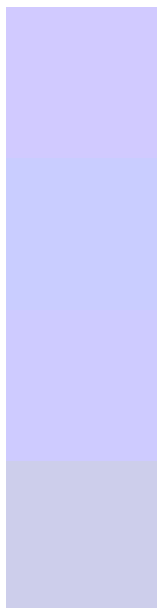
62.9110, 0.2798, 0.2725



Tritanopia

63.1901, 0.2982, 0.3107

Trichromacy



Original Color

63.0164, 0.2824, 0.2719

Protanomaly

63.3002, 0.2773, 0.2744

Deuteranomaly

63.0537, 0.2804, 0.2726

Tritanomaly

63.1199, 0.2924, 0.2965

Monochromacy



Original Color

63.0164, 0.2824, 0.2719

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.8183, 0.3019, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0164, 0.2824, 0.2719 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(209, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(209, 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(209, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.0164, 0.2824, 0.2719 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(209, 202, 255) }
```

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

```
.border{ border-color:rgb(209, 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(209, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(209, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0164, 0.2824, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 202, 255) }
```

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

```
.background{ background-color: rgb(209,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor