

Converting Colors

$Yxy(62.0088, 0.2798, 0.2703)$

Have a look what the booklet for
Yxy(62.0088, 0.2798, 0.2703)
contains.

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Color

Yxy(61.9724, 0.2796, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	CDC9FF
RGB	205, 201, 255
RGB Percent	80%, 79%, 100%
CMY	0.1963, 0.2117, 0.0000
CMYK	0.20, 0.21, 0.00, 0.00
HSL	244°, 100%, 89%
HSV	244°, 21%, 100%
XYZ	64.1046, 61.9724, 103.1956
YIQ	208.3520, -14.9500, 17.6420

Conversions

Conversions Part 2

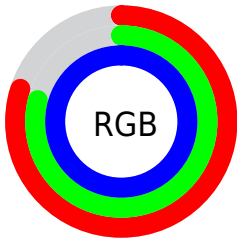
Format	Color
R _Y B	205, 201, 255
Decimal	13486591
CIE _{Lab}	82.90, 12.20, -25.94
CIE _{LCh}	83, 28.664, 295.181
Yxy	61.9724, 0.2796, 0.2703
Android (android.graphics.Color)	4291676671 (0xFFCDC9FF)
YUV	208.3520, 22.9975, -2.9397
Hunter-Lab	78.7226, 7.5900, -22.6161

Details

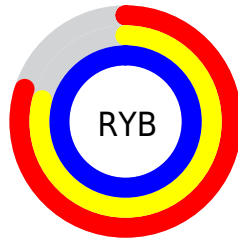
The Yxy color **61.9724, 0.2796, 0.2703** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.2586, 0.3421, 0.3825**, and the grayscale version is **63.1694, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.4287, 0.2713, 0.2568** is the 20% darker color. If you saturate the color by 10%, you get **47.9440, 0.2609, 0.2378**, and if you desaturate by 10%, it is **78.4864, 0.2964, 0.2999**.

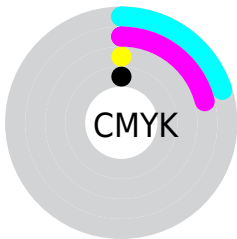
Distribution



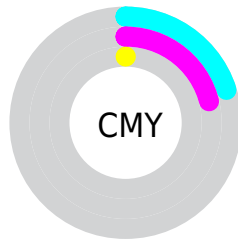
- Red (80%)
- Green (79%)
- Blue (100%)



- Red (80%)
- Yellow (79%)
- Blue (100%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9724, 0.2796, 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 61.9724, 0.2796, 0.2703 by changing the saturation by 10% instead.

■ 61.9724, 0.2796,
0.2703

■ 61.9724, 0.2796,
0.2703

431.8304, 0.2954,
0.2973

■ 45.0104, 0.2759,
0.2642

107.6856, 0.2852,
0.2796

■ 31.4656, 0.2713,
0.2568

137.2057, 0.2873,
0.2832

■ 20.9537, 0.2653,
0.2474

171.6805, 0.2892,
0.2864

■ 13.0901, 0.2575,
0.2354

211.4945, 0.2907,
0.2891

■ 7.4906, 0.2468,
0.2193

257.0321, 0.2921,
0.2915

■ 3.7708, 0.2311,
0.1970

308.6777, 0.2934,

■ 1.5462, 0.2067,

0.2936

0.1643

366.8157, 0.2944,
0.2955

0.3209, 0.1651,
0.0879

0.0000, 0.0000,
0.0000

61.9724, 0.2796,
0.2703

61.9724, 0.2796,
0.2703

47.9440, 0.2609,
0.2378

78.4864, 0.2964,
0.2999

36.2747, 0.2407,
0.2031

97.5914, 0.3111,
0.3261

26.8368, 0.2198,
0.1678

100.0000, 0.3127,
0.3290

19.4876, 0.1995,
0.1341

■ 14.0680, 0.1812,
0.1046

■ 10.3960, 0.1666,
0.0818

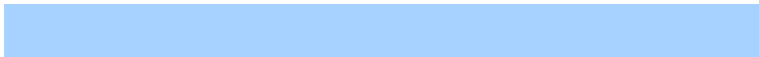
■ 8.2545, 0.1566,
0.0673

■ 7.3545, 0.1517,
0.0609

Harmonies

Analogous

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



61.9724, 0.2548, 0.2727



61.9724, 0.2796, 0.2703



61.9724, 0.3146, 0.2817

Triad

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



61.9724, 0.2796, 0.2703



61.9724, 0.3854, 0.3621



61.9724, 0.2742, 0.3552

Complementary

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



61.9724, 0.2796, 0.2703



96.2586, 0.3421, 0.3825

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.



61.9724, 0.3076, 0.3837



61.9724, 0.2796, 0.2703



61.9724, 0.3725, 0.3854

Square

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



61.9724, 0.2796, 0.2703



61.9724, 0.3775, 0.3326



61.9724, 0.3437, 0.3945



61.9724, 0.2518, 0.3198

Rectangle

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



61.9724, 0.2796, 0.2703



61.9724, 0.3393, 0.2955



61.9724, 0.3437, 0.3945



61.9724, 0.2844, 0.3661

Sweetspot

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



61.9745, 0.2796, 0.2703



88.0321, 0.3043, 0.3139



88.8853, 0.2808, 0.3251



18.5760, 0.3033, 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.



61.9745, 0.2796, 0.2703



56.3132, 0.2727, 0.2582



66.0918, 0.2982, 0.2734



17.4410, 0.2990, 0.3045



3.8656, 0.1522, 0.0612



0.3973, 0.1572, 0.0640

Inverse Universe

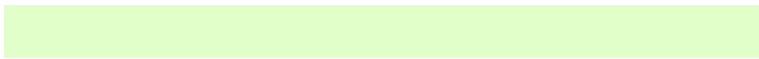
The Inverse Universe completely reimagines the original color for something new.



70.0105, 0.3180, 0.2798



65.5548, 0.3190, 0.2708



91.6508, 0.3246, 0.3855



18.2762, 0.3149, 0.3073



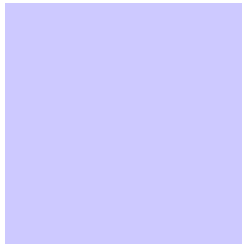
14.2950, 0.3402, 0.1648



1.3984, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 61.9724, 0.2796, 0.2703 looks on a white background.

Color Contrast Check

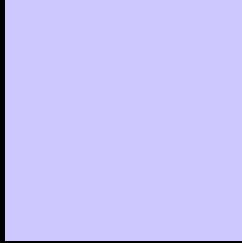
Large Text (above 18pt) WCAG AA × Fail

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 61.9724, 0.2796, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

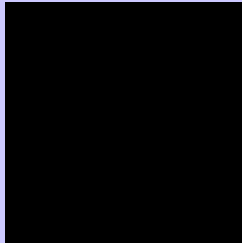
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.9724, 0.2796, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 61.9724, 0.2796, 0.2703.

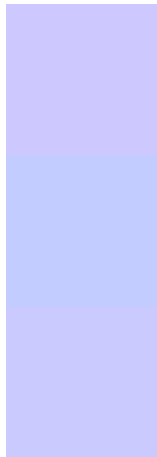


This preview shows how white text looks on a background with the Yxy color 61.9724, 0.2796, 0.2703.

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

61.9724, 0.2796, 0.2703

Protanopia

61.8751, 0.2726, 0.2725

Deuteranopia

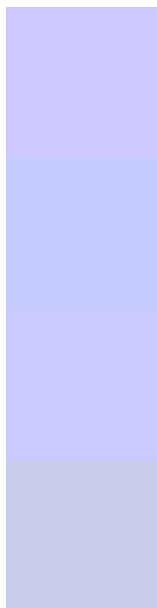
62.0176, 0.2777, 0.2711



Tritanopia

62.0955, 0.2960, 0.3105

Trichromacy



Original Color

61.9724, 0.2796, 0.2703

Protanomaly

61.9376, 0.2751, 0.2718

Deuteranomaly

62.1576, 0.2784, 0.2712

Tritanomaly

62.0783, 0.2896, 0.2951

Monochromacy



Original Color

61.9724, 0.2796, 0.2703

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.3643, 0.3004, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9724, 0.2796, 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(205, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 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(205, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.9724, 0.2796, 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(205, 201, 255) }
```

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

```
.border{ border-color:rgb(205, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9724, 0.2796, 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(205, 201, 255) }
```

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

```
.background{ background-color: rgb(205,  
201, 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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