

Converting Colors

Yxy(63.1067, 0.2863, 0.2822)

Have a look what the booklet for
Yxy(63.1067, 0.2863, 0.2822)
contains.

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Color

Yxy(63.1665, 0.2861, 0.2819)

Conversions

Conversions Part 1

Format	Color
Hex	CFCCF7
RGB	207, 204, 247
RGB Percent	81%, 80%, 97%
CMY	0.1883, 0.2000, 0.0314
CMYK	0.16, 0.17, 0.00, 0.03
HSL	244°, 73%, 88%
HSV	244°, 17%, 97%
XYZ	64.1076, 63.1665, 96.8000
YIQ	209.7990, -12.0150, 14.0090

Conversions

Conversions Part 2

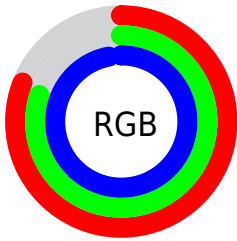
Format	Color
R _Y B	207, 204, 247
Decimal	13618423
CIE Lab	83.53, 9.48, -20.71
CIE LCh	84, 22.775, 294.605
Yxy	63.1665, 0.2861, 0.2819
Android (android.graphics.Color)	4291808503 (0xFFCFCCF7)
YUV	209.7990, 18.3401, -2.4547
Hunter-Lab	79.4774, 4.8954, -16.5785

Details

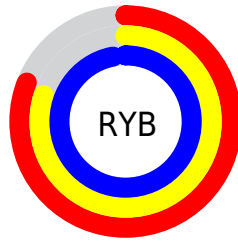
The Yxy color **63.1665, 0.2861, 0.2819** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **90.1125, 0.3369, 0.3726**, and the grayscale version is **64.1932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2497, 0.2789, 0.2704** is the 20% darker color. If you saturate the color by 10%, you get **49.2696, 0.2681, 0.2505**, and if you desaturate by 10%, it is **79.4126, 0.3022, 0.3102**.

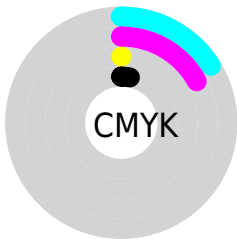
Distribution



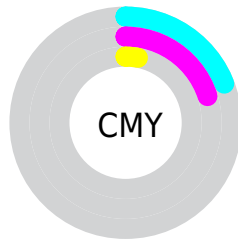
- Red (81%)
- Green (80%)
- Blue (97%)



- Red (81%)
- Yellow (80%)
- Blue (97%)



- Cyan (16%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1665, 0.2861, 0.2819 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 63.1665, 0.2861, 0.2819 by changing the saturation by 10% instead.

■ 63.1665, 0.2861,
0.2819

■ 63.1665, 0.2861,
0.2819

436.1735, 0.2988,
0.3037

■ 45.9759, 0.2831,
0.2770

109.4097, 0.2906,
0.2894

■ 32.2268, 0.2794,
0.2709

139.2311, 0.2923,
0.2924

■ 21.5348, 0.2746,
0.2632

174.0315, 0.2938,
0.2949

■ 13.5155, 0.2683,
0.2532

214.1954, 0.2950,
0.2971

■ 7.7845, 0.2596,
0.2397

260.1072, 0.2961,
0.2990

■ 3.9573, 0.2468,
0.2207

312.1512, 0.2971,

■ 1.6497, 0.2263,

0.3008

0.1919

370.7118, 0.2980,
0.3023

0.3908, 0.1895,
0.1228

0.0000, 0.0000,
0.0000

63.1665, 0.2861,
0.2819

63.1665, 0.2861,
0.2819

49.2696, 0.2681,
0.2505

79.4126, 0.3022,
0.3102

37.6059, 0.2483,
0.2165

98.1013, 0.3162,
0.3352

28.0610, 0.2276,
0.1812

99.4948, 0.3174,
0.3367

20.5075, 0.2069,
0.1466

■ 14.8043, 0.1876,
0.1152

■ 10.7916, 0.1715,
0.0896

■ 8.2825, 0.1596,
0.0718

■ 7.0367, 0.1527,
0.0624

■ 6.8345, 0.1516,
0.0609

Harmonies

Analogous

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



63.1665, 0.2663, 0.2844



63.1665, 0.2861, 0.2819



63.1665, 0.3138, 0.2908

Triad

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



63.1665, 0.2861, 0.2819



63.1665, 0.3700, 0.3555



63.1665, 0.2828, 0.3501

Complementary

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



63.1665, 0.2861, 0.2819



90.1125, 0.3369, 0.3726

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.



63.1665, 0.3095, 0.3719



63.1665, 0.2861, 0.2819



63.1665, 0.3605, 0.3736

Square

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



63.1665, 0.2861, 0.2819



63.1665, 0.3634, 0.3319



63.1665, 0.3381, 0.3804



63.1665, 0.2644, 0.3227

Rectangle

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



63.1665, 0.2861, 0.2819



63.1665, 0.3333, 0.3019



63.1665, 0.3381, 0.3804



63.1665, 0.2910, 0.3585

Sweetspot

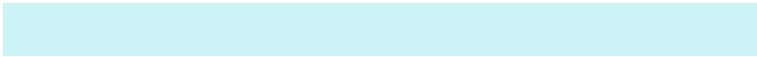
The Sweet Spot groups the original color and five complimentary colors.



63.1691, 0.2861, 0.2819



89.9511, 0.3057, 0.3165



84.3304, 0.2863, 0.3259



18.9624, 0.3047, 0.3147



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.



63.1691, 0.2861, 0.2819



62.2037, 0.2798, 0.2708



66.4604, 0.3012, 0.2840



15.9814, 0.2990, 0.3046



3.6360, 0.1521, 0.0612



0.3383, 0.1574, 0.0641

Inverse Universe

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



69.4970, 0.3168, 0.2886



70.2275, 0.3178, 0.2800



86.5058, 0.3226, 0.3747



16.7474, 0.3149, 0.3073



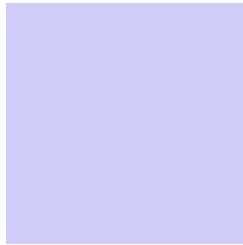
13.4864, 0.3391, 0.1641



1.1912, 0.3365, 0.1628

Previews

White Background



This preview shows how the Yxy color 63.1665, 0.2861, 0.2819 looks on a white background.

Color Contrast Check

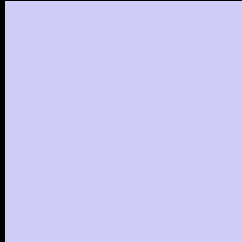
Large Text (above 18pt) WCAG AA × Fail

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 63.1665, 0.2861, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

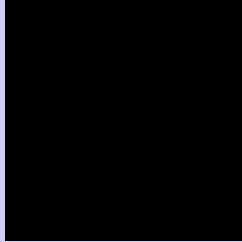
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.1665, 0.2861, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 63.1665, 0.2861, 0.2819.



This preview shows how white text looks on a background with the Yxy color 63.1665, 0.2861, 0.2819.

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

63.1665, 0.2861, 0.2819

Protanopia

63.0620, 0.2802, 0.2824

Deuteranopia

62.9826, 0.2874, 0.2809



Tritanopia

63.1901, 0.2982, 0.3107

Trichromacy



Original Color

63.1665, 0.2861, 0.2819

Protanomaly

62.9965, 0.2821, 0.2815

Deuteranomaly

62.8372, 0.2868, 0.2809

Tritanomaly

63.2892, 0.2937, 0.3008

Monochromacy



Original Color

63.1665, 0.2861, 0.2819

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9948, 0.3032, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1665, 0.2861, 0.2819 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(207, 204, 247)` looks like.

```
.text, #text, p{  
    color:rgb(207, 204, 247)  
}
```

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(207, 204, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 204, 247) }
```

Border

The CSS property to change the border of an element to Yxy 63.1665, 0.2861, 0.2819 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(207, 204, 247) }
```

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

```
.border{ border-color:rgb(207, 204, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 204, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 204, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 204, 247);  
box-shadow:4px 4px 4px 4px rgb(207, 204,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1665, 0.2861, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 204, 247) }
```

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

```
.background{ background-color: rgb(207,  
204, 247) }
```

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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