

Converting Colors

Yxy(63.9509, 0.2867, 0.2726)

Have a look what the booklet for
Yxy(63.9509, 0.2867, 0.2726)
contains.

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Color

Yxy(63.9081, 0.2865, 0.2725)

Conversions

Conversions Part 1

Format	Color
Hex	D7CAFF
RGB	215, 202, 255
RGB Percent	84%, 79%, 100%
CMY	0.1570, 0.2078, 0.0000
CMYK	0.16, 0.21, 0.00, 0.00
HSL	255°, 100%, 90%
HSV	255°, 21%, 100%
XYZ	67.1915, 63.9081, 103.4256
YIQ	211.9290, -9.2650, 19.2390

Conversions

Conversions Part 2

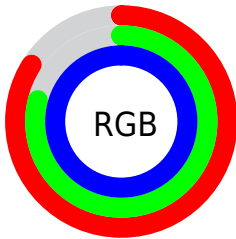
Format	Color
R _Y B	215, 202, 255
Decimal	14142207
CIE _{Lab}	83.92, 14.73, -24.33
CIE _{LCh}	84, 28.441, 301.195
Y _{xy}	63.9081, 0.2865, 0.2725
Android (android.graphics.Color)	4292332287 (0xFFD7CAFF)
YUV	211.9290, 21.2340, 2.6933
Hunter-Lab	79.9425, 10.1292, -20.7466

Details

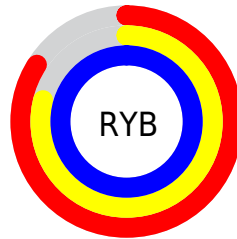
The Yxy color **63.9081, 0.2865, 0.2725** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **94.6693, 0.3356, 0.3825**, and the grayscale version is **65.6472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7306, 0.2802, 0.2600** is the 20% darker color. If you saturate the color by 10%, you get **50.1680, 0.2712, 0.2414**, and if you desaturate by 10%, it is **79.9702, 0.3001, 0.3012**.

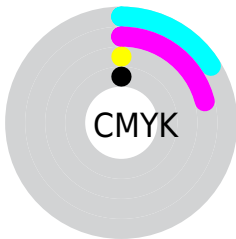
Distribution



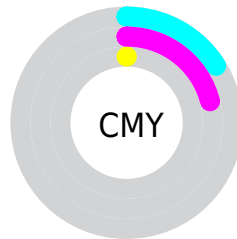
- Red (84%)
- Green (79%)
- Blue (100%)



- Red (84%)
- Yellow (79%)
- Blue (100%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9081, 0.2865, 0.2725 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 63.9081, 0.2865, 0.2725 by changing the saturation by 10% instead.

■ 63.9081, 0.2865,
0.2725

■ 63.9081, 0.2865,
0.2725

438.8577, 0.2991,
0.2983

■ 46.5762, 0.2835,
0.2667

110.4786, 0.2909,
0.2814

■ 32.7008, 0.2798,
0.2597

140.4860, 0.2926,
0.2848

■ 21.8973, 0.2751,
0.2508

175.4874, 0.2941,
0.2878

■ 13.7815, 0.2688,
0.2395

215.8671, 0.2954,
0.2904

■ 7.9688, 0.2601,
0.2244

262.0096, 0.2965,
0.2927

■ 4.0750, 0.2474,
0.2034

314.2993, 0.2974,

■ 1.7156, 0.2273,

0.2948

0.1729

373.1205, 0.2983,
0.2966

0.4337, 0.1952,
0.1097

0.0000, 0.0000,
0.0000

63.9081, 0.2865,
0.2725

63.9081, 0.2865,
0.2725

50.1680, 0.2712,
0.2414

79.9702, 0.3001,
0.3012

38.6386, 0.2542,
0.2085

98.4537, 0.3119,
0.3271

29.2031, 0.2362,
0.1751

100.0000, 0.3127,
0.3290

21.7326, 0.2178,
0.1431

■ 16.0835, 0.2001,
0.1145

■ 12.0921, 0.1842,
0.0915

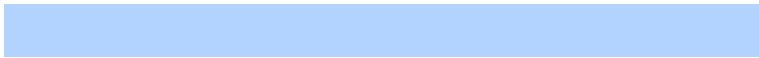
■ 9.5642, 0.1713,
0.0756

■ 8.2559, 0.1625,
0.0669

Harmonies

Analogous

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



63.9081, 0.2596, 0.2720



63.9081, 0.2865, 0.2725



63.9081, 0.3219, 0.2861

Triad

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



63.9081, 0.2865, 0.2725



63.9081, 0.3831, 0.3669



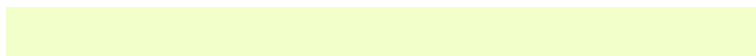
63.9081, 0.2694, 0.3479

Complementary

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



63.9081, 0.2865, 0.2725



94.6693, 0.3356, 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.



63.9081, 0.3006, 0.3782



63.9081, 0.2865, 0.2725



63.9081, 0.3668, 0.3876

Square

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



63.9081, 0.2865, 0.2725



63.9081, 0.3795, 0.3386



63.9081, 0.3363, 0.3928



63.9081, 0.2502, 0.3134

Rectangle

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



63.9081, 0.2865, 0.2725



63.9081, 0.3458, 0.3010



63.9081, 0.3363, 0.3928



63.9081, 0.2788, 0.3591

Sweetspot

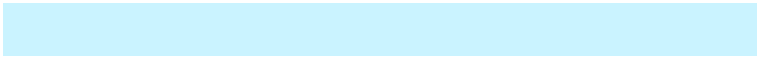
The Sweet Spot groups the original color and five complimentary colors.



63.9089, 0.2865, 0.2725



88.4971, 0.3059, 0.3140



83.6616, 0.2807, 0.3159



18.6856, 0.3052, 0.3123



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.



63.9089, 0.2865, 0.2725



57.8332, 0.2803, 0.2596



68.1441, 0.3049, 0.2755



17.5922, 0.3017, 0.3047



4.3716, 0.1638, 0.0676



0.4739, 0.1746, 0.0735

Inverse Universe

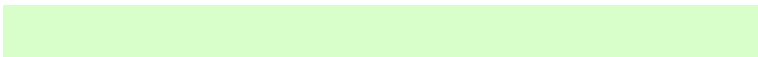
The Inverse Universe completely reimagines the original color for something new.



69.9195, 0.3243, 0.2893



64.8869, 0.3272, 0.2809



90.4053, 0.3188, 0.3854



18.2200, 0.3176, 0.3112



13.1370, 0.3946, 0.1947



1.2963, 0.3843, 0.1891

Previews

White Background



This preview shows how the Yxy color 63.9081, 0.2865, 0.2725 looks on a white background.

Color Contrast Check

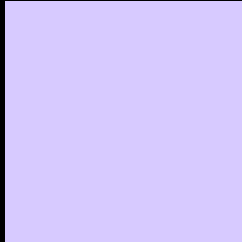
Large Text (above 18pt) WCAG AA × Fail

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 63.9081, 0.2865, 0.2725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

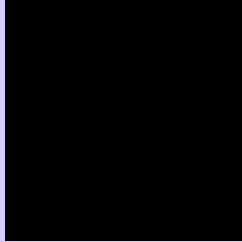
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9081, 0.2865, 0.2725

Background



This preview shows how black text looks on a background with the Yxy color 63.9081, 0.2865, 0.2725.

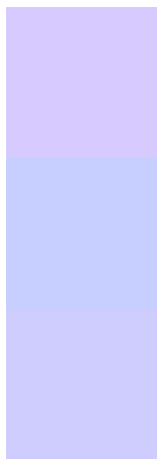


This preview shows how white text looks on a background with the Yxy color 63.9081, 0.2865, 0.2725.

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

63.9081, 0.2865, 0.2725

Protanopia

63.8514, 0.2755, 0.2763

Deuteranopia

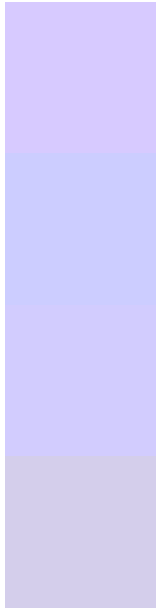
64.0838, 0.2819, 0.2760



Tritanopia

64.1952, 0.3032, 0.3110

Trichromacy



Original Color

63.9081, 0.2865, 0.2725

Protanomaly

63.7200, 0.2792, 0.2747

Deuteranomaly

64.0431, 0.2838, 0.2752

Tritanomaly

64.1378, 0.2974, 0.2970

Monochromacy



Original Color

63.9081, 0.2865, 0.2725

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.8593, 0.3027, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9081, 0.2865, 0.2725 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(215, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 202, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.9081, 0.2865, 0.2725 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(215, 202, 255) }
```

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

```
.border{ border-color:rgb(215, 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(215, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 202,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9081, 0.2865, 0.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 202, 255) }
```

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

```
.background{ background-color: rgb(215,  
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](#).

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