

Converting Colors

Yxy(63.7911, 0.2844, 0.2734)

Have a look what the booklet for
Yxy(63.7911, 0.2844, 0.2734)
contains.

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Color

Yxy(63.9289, 0.2845, 0.2733)

Conversions

Conversions Part 1

Format	Color
Hex	D4CBFF
RGB	212, 203, 255
RGB Percent	83%, 80%, 100%
CMY	0.1688, 0.2039, 0.0000
CMYK	0.17, 0.20, 0.00, 0.00
HSL	250°, 100%, 90%
HSV	250°, 20%, 100%
XYZ	66.5487, 63.9289, 103.4371
YIQ	211.6190, -11.3280, 18.0800

Conversions

Conversions Part 2

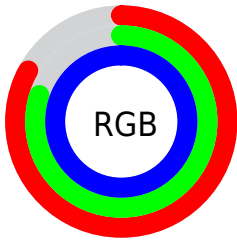
Format	Color
R _Y B	212, 203, 255
Decimal	13945855
CIE Lab	83.93, 13.26, -24.32
CIE LCh	84, 27.698, 298.603
Yxy	63.9289, 0.2845, 0.2733
Android (android.graphics.Color)	4292135935 (0xFFD4CBFF)
YUV	211.6190, 21.3868, 0.3341
Hunter-Lab	79.9556, 8.6472, -20.7336

Details

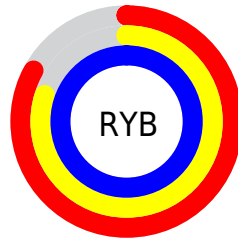
The Yxy color **63.9289, 0.2845, 0.2733** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.4334, 0.3376, 0.3810**, and the grayscale version is **65.4321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.7402, 0.2777, 0.2609** is the 20% darker color. If you saturate the color by 10%, you get **49.9263, 0.2678, 0.2417**, and if you desaturate by 10%, it is **80.3277, 0.2993, 0.3022**.

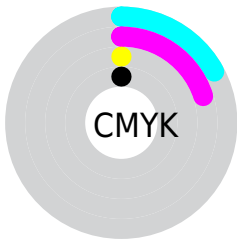
Distribution



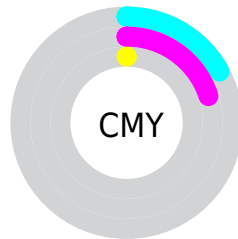
- Red (83%)
- Green (80%)
- Blue (100%)



- Red (83%)
- Yellow (80%)
- Blue (100%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9289, 0.2845, 0.2733 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 63.9289, 0.2845, 0.2733 by changing the saturation by 10% instead.

63.9289, 0.2845,
0.2733

63.9289, 0.2845,
0.2733

438.9328, 0.2980,
0.2988

46.5931, 0.2813,
0.2676

110.5085, 0.2892,
0.2821

32.7141, 0.2774,
0.2606

140.5211, 0.2911,
0.2855

21.9075, 0.2724,
0.2518

175.5282, 0.2926,
0.2884

13.7890, 0.2657,
0.2405

215.9139, 0.2940,
0.2910

7.9740, 0.2565,
0.2255

262.0629, 0.2952,
0.2933

4.0783, 0.2431,
0.2047

314.3595, 0.2962,

1.7175, 0.2220,

0.2953

0.1741

373.1880, 0.2971,
0.2971

0.4349, 0.1880,
0.1109

0.0000, 0.0000,
0.0000

63.9289, 0.2845,
0.2733

63.9289, 0.2845,
0.2733

49.9263, 0.2678,
0.2417

80.3277, 0.2993,
0.3022

38.1995, 0.2495,
0.2081

99.2199, 0.3123,
0.3281

28.6294, 0.2302,
0.1739

99.9999, 0.3127,
0.3290

21.0829, 0.2108,
0.1409

■ 15.4120, 0.1925,
0.1115

■ 11.4481, 0.1766,
0.0880

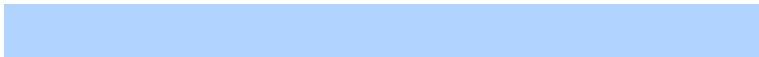
■ 8.9911, 0.1644,
0.0721

■ 7.7530, 0.1565,
0.0636

Harmonies

Analogous

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



63.9289, 0.2593, 0.2741



63.9289, 0.2845, 0.2733



63.9289, 0.3186, 0.2856

Triad

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



63.9289, 0.2845, 0.2733



63.9289, 0.3817, 0.3638



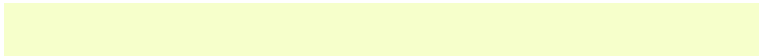
63.9289, 0.2728, 0.3503

Complementary

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



63.9289, 0.2845, 0.2733



95.4334, 0.3376, 0.3810

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.



63.9289, 0.3039, 0.3788



63.9289, 0.2845, 0.2733



63.9289, 0.3675, 0.3848

Square

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



63.9289, 0.2845, 0.2733



63.9289, 0.3765, 0.3359



63.9289, 0.3387, 0.3914



63.9289, 0.2528, 0.3166

Rectangle

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



63.9289, 0.2845, 0.2733



63.9289, 0.3421, 0.2996



63.9289, 0.3387, 0.3914



63.9289, 0.2822, 0.3610

Sweetspot

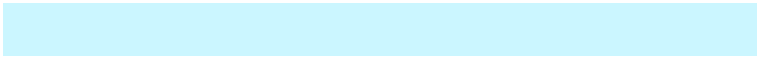
The Sweet Spot groups the original color and five complimentary colors.



63.9315, 0.2845, 0.2733



88.3000, 0.3052, 0.3139



86.0340, 0.2816, 0.3198



18.6391, 0.3044, 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.



63.9315, 0.2845, 0.2733



58.5993, 0.2787, 0.2622



68.0600, 0.3026, 0.2762



17.5280, 0.3005, 0.3046



4.0946, 0.1575, 0.0641



0.4383, 0.1666, 0.0692

Inverse Universe

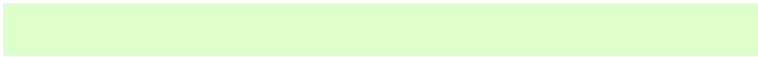
The Inverse Universe completely reimagines the original color for something new.



70.6365, 0.3214, 0.2865



66.3146, 0.3232, 0.2787



91.1008, 0.3209, 0.3838



18.2435, 0.3164, 0.3095



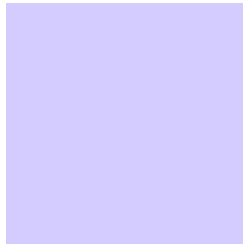
13.5888, 0.3700, 0.1812



1.3366, 0.3634, 0.1776

Previews

White Background



This preview shows how the Yxy color 63.9289, 0.2845, 0.2733 looks on a white background.

Color Contrast Check

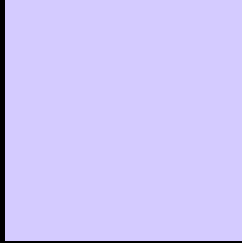
Large Text (above 18pt) WCAG AA × Fail

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 63.9289, 0.2845, 0.2733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

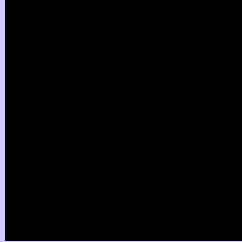
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9289, 0.2845, 0.2733

Background



This preview shows how black text looks on a background with the Yxy color 63.9289, 0.2845, 0.2733.

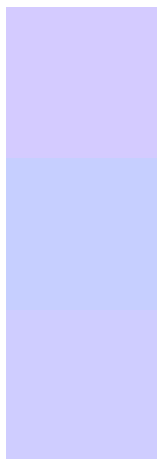


This preview shows how white text looks on a background with the Yxy color 63.9289, 0.2845, 0.2733.

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

63.9289, 0.2845, 0.2733

Protanopia

63.8514, 0.2755, 0.2763

Deuteranopia

64.1480, 0.2812, 0.2750



Tritanopia

63.8134, 0.3004, 0.3098

Trichromacy



Original Color

63.9289, 0.2845, 0.2733

Protanomaly

64.0591, 0.2787, 0.2757

Deuteranomaly

63.9610, 0.2825, 0.2741

Tritanomaly

63.7541, 0.2946, 0.2957

Monochromacy



Original Color

63.9289, 0.2845, 0.2733

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1994, 0.3020, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9289, 0.2845, 0.2733 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(212, 203, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 203, 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(212, 203, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 203, 255) }
```

Border

The CSS property to change the border of an element to Yxy 63.9289, 0.2845, 0.2733 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(212, 203, 255) }
```

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

```
.border{ border-color:rgb(212, 203, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 203, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 203, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 203, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 203,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9289, 0.2845, 0.2733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 203, 255) }
```

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

```
.background{ background-color: rgb(212,  
203, 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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