

Converting Colors

Yxy(62.8614, 0.2896, 0.2690)

Have a look what the booklet for
Yxy(62.8614, 0.2896, 0.2690)
contains.

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Color

Yxy(62.8238, 0.2899, 0.2688)

Conversions

Conversions Part 1

Format	Color
Hex	DCC6FF
RGB	220, 198, 255
RGB Percent	86%, 78%, 100%
CMY	0.1373, 0.2235, 0.0001
CMYK	0.14, 0.22, 0.00, 0.00
HSL	263°, 100%, 89%
HSV	263°, 22%, 100%
XYZ	67.7553, 62.8238, 103.1404
YIQ	211.0760, -5.1850, 22.3910

Conversions

Conversions Part 2

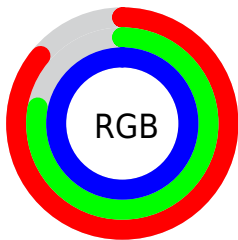
Format	Color
R _Y B	220, 198, 255
Decimal	14468863
CIE Lab	83.35, 18.42, -25.13
CIE LCh	83, 31.158, 306.248
Yxy	62.8238, 0.2899, 0.2688
Android (android.graphics.Color)	4292658943 (0xFFDCC6FF)
YUV	211.0760, 21.6545, 7.8263
Hunter-Lab	79.2615, 13.8800, -21.6692

Details

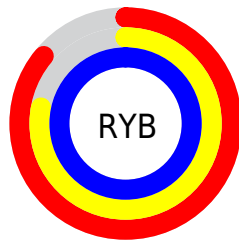
The Yxy color **62.8238, 0.2899, 0.2688** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.9024, 0.3320, 0.3877**, and the grayscale version is **65.0521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **31.9162, 0.2836, 0.2551** is the 20% darker color. If you saturate the color by 10%, you get **49.8048, 0.2772, 0.2385**, and if you desaturate by 10%, it is **78.0387, 0.3011, 0.2972**.

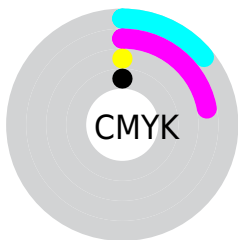
Distribution



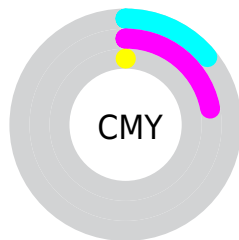
- Red (86%)
- Green (78%)
- Blue (100%)



- Red (86%)
- Yellow (78%)
- Blue (100%)



- Cyan (14%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.8238, 0.2899, 0.2688 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 62.8238, 0.2899, 0.2688 by changing the saturation by 10% instead.


 62.8238, 0.2899,
0.2688

 62.8238, 0.2899,
0.2688

434.9297, 0.3010,
0.2962

 45.6987, 0.2873,
0.2627


108.9153, 0.2938,
0.2782

 32.0081, 0.2839,
0.2552


138.6504, 0.2954,
0.2819

 21.3677, 0.2796,
0.2459


173.3577, 0.2966,
0.2851

 13.3930, 0.2739,
0.2339

213.4215, 0.2978,
0.2878

 7.6997, 0.2659,
0.2181

259.2262, 0.2987,
0.2903

 3.9034, 0.2541,
0.1962

311.1562, 0.2996,

 1.6197, 0.2351,

0.2925

0.1645

369.5959, 0.3003,
0.2944

0.3708, 0.2059,
0.0952

0.0000, 0.0000,
0.0000

62.8238, 0.2899,
0.2688

62.8238, 0.2899,
0.2688

49.8048, 0.2772,
0.2385

78.0387, 0.3011,
0.2972

38.8696, 0.2631,
0.2070

95.5390, 0.3107,
0.3233

29.9074, 0.2478,
0.1757

99.9984, 0.3127,
0.3290

22.7942, 0.2320,
0.1460

■ 17.3909, 0.2163,
0.1199

■ 13.5381, 0.2016,
0.0989

■ 11.0440, 0.1888,
0.0842

■ 9.8389, 0.1804,
0.0767

Harmonies

Analogous

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



62.8238, 0.2584, 0.2655



62.8238, 0.2899, 0.2688



62.8238, 0.3296, 0.2858

Triad

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



62.8238, 0.2899, 0.2688



62.8238, 0.3886, 0.3750



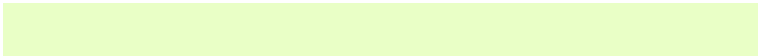
62.8238, 0.2604, 0.3432

Complementary

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



62.8238, 0.2899, 0.2688



92.9024, 0.3320, 0.3877

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.



62.8238, 0.2928, 0.3789



62.8238, 0.2899, 0.2688



62.8238, 0.3673, 0.3958

Square

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



62.8238, 0.2899, 0.2688



62.8238, 0.3887, 0.3446



62.8238, 0.3319, 0.3985



62.8238, 0.2423, 0.3056

Rectangle

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



62.8238, 0.2899, 0.2688



62.8238, 0.3553, 0.3029



62.8238, 0.3319, 0.3985



62.8238, 0.2699, 0.3561

Sweetspot

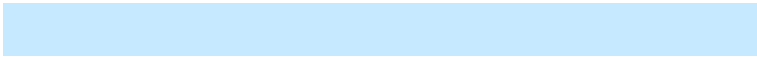
The Sweet Spot groups the original color and five complimentary colors.



62.8264, 0.2899, 0.2688



87.1156, 0.3064, 0.3114



77.5813, 0.2777, 0.3055



18.4201, 0.3058, 0.3099



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.



62.8264, 0.2899, 0.2688



56.5066, 0.2842, 0.2549



67.6274, 0.3104, 0.2724



17.7196, 0.3039, 0.3049



5.2217, 0.1820, 0.0776



0.5691, 0.1945, 0.0845

Inverse Universe

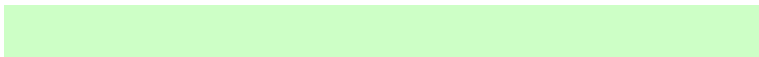
The Inverse Universe completely reimagines the original color for something new.



67.5299, 0.3314, 0.2939



62.0659, 0.3362, 0.2863



88.5116, 0.3138, 0.3911



18.1746, 0.3198, 0.3145



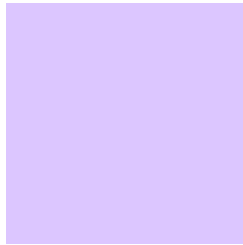
12.4031, 0.4487, 0.2246



1.2290, 0.4301, 0.2143

Previews

White Background



This preview shows how the Yxy color 62.8238, 0.2899, 0.2688 looks on a white background.

Color Contrast Check

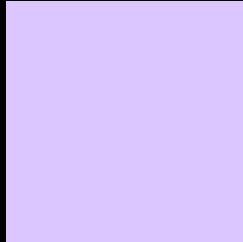
Large Text (above 18pt) WCAG AA × Fail

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 62.8238, 0.2899, 0.2688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

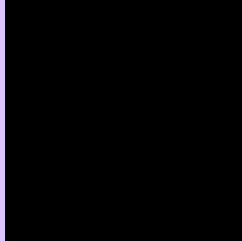
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.8238, 0.2899, 0.2688

Background



This preview shows how black text looks on a background with the Yxy color 62.8238, 0.2899, 0.2688.

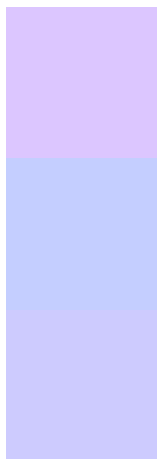


This preview shows how white text looks on a background with the Yxy color 62.8238, 0.2899, 0.2688.

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

62.8238, 0.2899, 0.2688

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

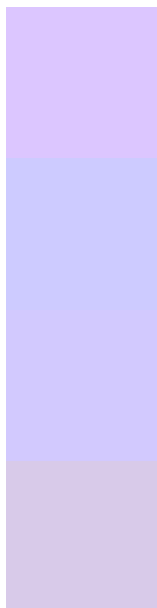
62.8468, 0.2804, 0.2735



Tritanopia

62.6492, 0.3090, 0.3110

Trichromacy



Original Color

62.8238, 0.2899, 0.2688

Protanomaly

62.9110, 0.2798, 0.2725

Deuteranomaly

62.6307, 0.2837, 0.2718

Tritanomaly

62.7232, 0.3016, 0.2949

Monochromacy



Original Color

62.8238, 0.2899, 0.2688

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

63.9848, 0.3042, 0.3057

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8238, 0.2899, 0.2688 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(220, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 198, 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(220, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 198, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.8238, 0.2899, 0.2688 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(220, 198, 255) }
```

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

```
.border{ border-color:rgb(220, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 198, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 198, 255); box-shadow:4px 4px 4px 4px rgb(220, 198, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8238, 0.2899, 0.2688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 198, 255) }
```

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

```
.background{ background-color: rgb(220,  
198, 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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