

Converting Colors

Yxy(62.0891, 0.2849, 0.2688)

Have a look what the booklet for
Yxy(62.0891, 0.2849, 0.2688)
contains.

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Color

Yxy(62.2130, 0.2850, 0.2690)

Conversions

Conversions Part 1

Format	Color
Hex	D5C7FF
RGB	213, 199, 255
RGB Percent	84%, 78%, 100%
CMY	0.1647, 0.2196, 0.0000
CMYK	0.16, 0.22, 0.00, 0.00
HSL	255°, 100%, 89%
HSV	255°, 22%, 100%
XYZ	65.9134, 62.2130, 103.1487
YIQ	209.5700, -9.6320, 20.3840

Conversions

Conversions Part 2

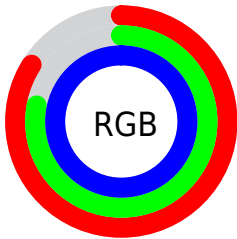
Format	Color
R _Y B	213, 199, 255
Decimal	14010367
CIE Lab	83.03, 15.73, -25.69
CIE LCh	83, 30.124, 301.481
Yxy	62.2130, 0.2850, 0.2690
Android (android.graphics.Color)	4292200447 (0xFFD5C7FF)
YUV	209.5700, 22.3970, 3.0081
Hunter-Lab	78.8752, 11.1349, -22.3236

Details

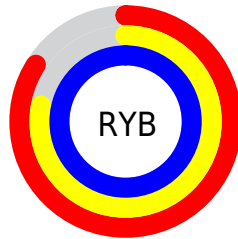
The Yxy color $62.2130, 0.2850, 0.2690$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.3465, 0.3367, 0.3857$, and the grayscale version is $64.0084, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $31.5971, 0.2782, 0.2554$ is the 20% darker color. If you saturate the color by 10%, you get $48.7531, 0.2696, 0.2376$, and if you desaturate by 10%, it is $77.9803, 0.2987, 0.2980$.

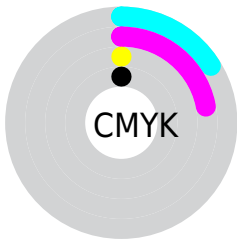
Distribution



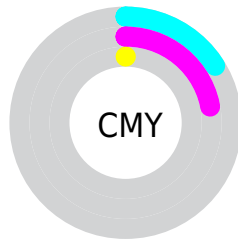
- Red (84%)
- Green (78%)
- Blue (100%)



- Red (84%)
- Yellow (78%)
- Blue (100%)



- Cyan (16%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2130, 0.2850, 0.2690 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 62.2130, 0.2850, 0.2690 by changing the saturation by 10% instead.


 62.2130, 0.2850,
0.2690

 62.2130, 0.2850,
0.2690


432.7076, 0.2984,
0.2964

 45.2048, 0.2818,
0.2629


108.0333, 0.2897,
0.2784

 31.6188, 0.2779,
0.2553


137.6143, 0.2915,
0.2821

 21.0705, 0.2728,
0.2459


172.1549, 0.2931,
0.2853

 13.1755, 0.2661,
0.2338

212.0397, 0.2944,
0.2881

 7.5495, 0.2567,
0.2177

257.6529, 0.2956,
0.2905

 3.8081, 0.2430,
0.1955

309.3791, 0.2966,

 1.5668, 0.2212,

0.2927

0.1631

367.6025, 0.2975,
0.2947

0.3351, 0.1868,
0.0891

0.0000, 0.0000,
0.0000

62.2130, 0.2850,
0.2690

62.2130, 0.2850,
0.2690

48.7531, 0.2696,
0.2376

77.9803, 0.2987,
0.2980

37.4852, 0.2526,
0.2047

96.1513, 0.3106,
0.3242

28.2924, 0.2345,
0.1714

100.0000, 0.3127,
0.3290

21.0448, 0.2162,
0.1398

■ 15.5972, 0.1987,
0.1118

■ 11.7833, 0.1832,
0.0896

■ 9.4045, 0.1706,
0.0745

■ 8.3002, 0.1630,
0.0672

Harmonies

Analogous

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



62.2130, 0.2563, 0.2682



62.2130, 0.2850, 0.2690



62.2130, 0.3229, 0.2836

Triad

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



62.2130, 0.2850, 0.2690



62.2130, 0.3879, 0.3695



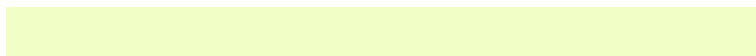
62.2130, 0.2662, 0.3488

Complementary

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



62.2130, 0.2850, 0.2690



94.3465, 0.3367, 0.3857

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.



62.2130, 0.2993, 0.3816



62.2130, 0.2850, 0.2690



62.2130, 0.3702, 0.3916

Square

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



62.2130, 0.2850, 0.2690



62.2130, 0.3843, 0.3393



62.2130, 0.3374, 0.3973



62.2130, 0.2460, 0.3118

Rectangle

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



62.2130, 0.2850, 0.2690



62.2130, 0.3484, 0.2994



62.2130, 0.3374, 0.3973



62.2130, 0.2761, 0.3609

Sweetspot

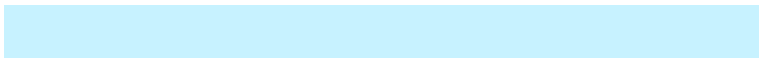
The Sweet Spot groups the original color and five complimentary colors.



62.2150, 0.2850, 0.2690



86.6835, 0.3048, 0.3113



82.8283, 0.2790, 0.3151



18.3202, 0.3041, 0.3098



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.



62.2150, 0.2850, 0.2690



56.5029, 0.2790, 0.2566



66.6068, 0.3043, 0.2723



17.5969, 0.3018, 0.3047



4.3957, 0.1643, 0.0679



0.4768, 0.1752, 0.0739

Inverse Universe

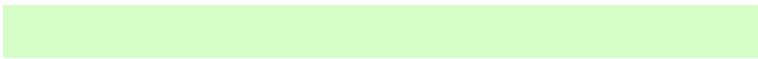
The Inverse Universe completely reimagines the original color for something new.



68.4611, 0.3253, 0.2872



63.7250, 0.3281, 0.2793



89.9306, 0.3191, 0.3889



18.2183, 0.3176, 0.3113



13.1063, 0.3964, 0.1958



1.2936, 0.3859, 0.1900

Previews

White Background



This preview shows how the Yxy color 62.2130, 0.2850, 0.2690 looks on a white background.

Color Contrast Check

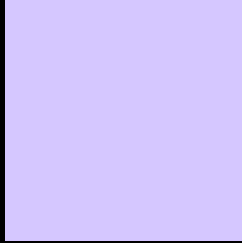
Large Text (above 18pt) WCAG AA × Fail

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 62.2130, 0.2850, 0.2690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

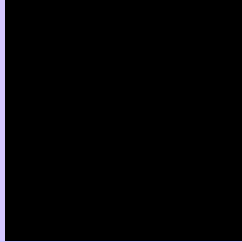
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2130, 0.2850, 0.2690

Background



This preview shows how black text looks on a background with the Yxy color 62.2130, 0.2850, 0.2690.

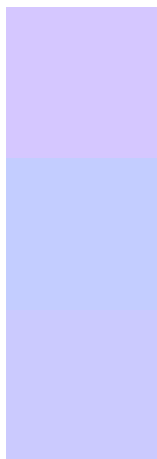


This preview shows how white text looks on a background with the Yxy color 62.2130, 0.2850, 0.2690.

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

62.2130, 0.2850, 0.2690

Protanopia

62.4847, 0.2733, 0.2738

Deuteranopia

62.0933, 0.2790, 0.2722



Tritanopia

62.1485, 0.3031, 0.3108

Trichromacy



Original Color

62.2130, 0.2850, 0.2690

Protanomaly

62.4884, 0.2778, 0.2722

Deuteranomaly

62.1944, 0.2816, 0.2715

Tritanomaly

62.1504, 0.2965, 0.2955

Monochromacy



Original Color

62.2130, 0.2850, 0.2690

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.4825, 0.3026, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2130, 0.2850, 0.2690 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(213, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 199, 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(213, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 199, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.2130, 0.2850, 0.2690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

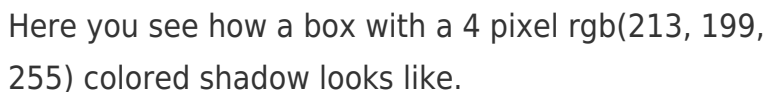
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 199, 255) }
```

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

```
.border{ border-color:rgb(213, 199, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 199,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2130, 0.2850, 0.2690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 199, 255) }
```

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

```
.background{ background-color: rgb(213,  
199, 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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