

Converting Colors

$Y_{xy}(64.7323, 0.2583, 0.2196)$

Have a look what the booklet for
Yxy(64.7323, 0.2583, 0.2196)
contains.

Yxy(60.8636, 0.2890, 0.2643)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.8636, 0.2890, 0.2643)

Conversions

Conversions Part 1

Format	Color
Hex	DBC2FF
RGB	219, 194, 255
RGB Percent	86%, 76%, 100%
CMY	0.1413, 0.2392, 0.0000
CMYK	0.14, 0.24, 0.00, 0.00
HSL	265°, 100%, 88%
HSV	265°, 24%, 100%
XYZ	66.5516, 60.8636, 102.8671
YIQ	208.4290, -4.6810, 24.2710

Conversions

Conversions Part 2

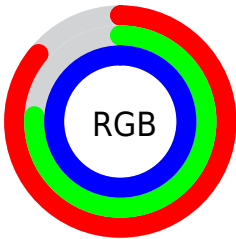
Format	Color
R _Y B	219, 194, 255
Decimal	14402303
CIE Lab	82.31, 20.26, -26.75
CIE LCh	82, 33.562, 307.140
Yxy	60.8636, 0.2890, 0.2643
Android (android.graphics.Color)	4292592383 (0xFFDBC2FF)
YUV	208.4290, 22.9595, 9.2708
Hunter-Lab	78.0151, 15.7447, -23.5664

Details

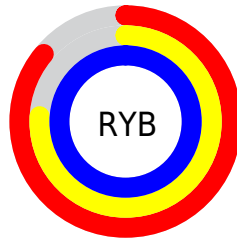
The Yxy color **60.8636, 0.2890, 0.2643** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.2449, 0.3324, 0.3923**, and the grayscale version is **63.2181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.6199, 0.2824, 0.2493** is the 20% darker color. If you saturate the color by 10%, you get **48.2391, 0.2766, 0.2340**, and if you desaturate by 10%, it is **75.6489, 0.3000, 0.2929**.

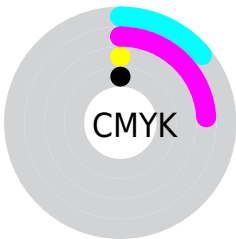
Distribution



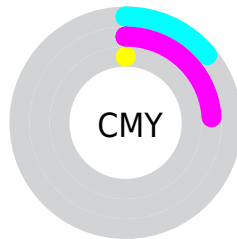
- Red (86%)
- Green (76%)
- Blue (100%)



- Red (86%)
- Yellow (76%)
- Blue (100%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8636, 0.2890, 0.2643 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 60.8636, 0.2890, 0.2643 by changing the saturation by 10% instead.


 60.8636, 0.2890,
0.2643

 60.8636, 0.2890,
0.2643


427.7737, 0.3006,
0.2938

 44.1151, 0.2862,
0.2577

 106.0814, 0.2932,
0.2744

 30.7610, 0.2827,
0.2497

135.3195, 0.2947,
0.2784

 20.4169, 0.2781,
0.2396


169.4896, 0.2961,
0.2818

 12.6985, 0.2720,
0.2268

208.9761, 0.2972,
0.2848

 7.2212, 0.2634,
0.2098

254.1633, 0.2983,
0.2874

 3.6008, 0.2507,
0.1864

305.4358, 0.2992,

 1.4529, 0.2302,

0.2898

0.1527

363.1778, 0.2999,
0.2919

0.2552, 0.1997,
0.0691

0.0000, 0.0000,
0.0000

60.8636, 0.2890,
0.2643

60.8636, 0.2890,
0.2643

48.2391, 0.2766,
0.2340

75.6489, 0.3000,
0.2929

37.6676, 0.2628,
0.2027

92.6898, 0.3094,
0.3193

29.0359, 0.2479,
0.1719

100.0000, 0.3127,
0.3290

22.2186, 0.2325,
0.1430

■ 17.0749, 0.2173,
0.1179

■ 13.4420, 0.2032,
0.0981

■ 11.1223, 0.1907,
0.0845

■ 10.1851, 0.1841,
0.0788

Harmonies

Analogous

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



60.8636, 0.2546, 0.2602



60.8636, 0.2890, 0.2643



60.8636, 0.3322, 0.2830

Triad

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



60.8636, 0.2890, 0.2643



60.8636, 0.3949, 0.3794



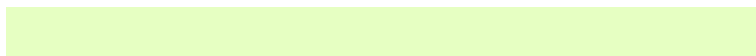
60.8636, 0.2551, 0.3431

Complementary

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



60.8636, 0.2890, 0.2643



92.2449, 0.3324, 0.3923

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.



60.8636, 0.2897, 0.3826



60.8636, 0.2890, 0.2643



60.8636, 0.3709, 0.4020

Square

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



60.8636, 0.2890, 0.2643



60.8636, 0.3958, 0.3466



60.8636, 0.3321, 0.4047



60.8636, 0.2362, 0.3022

Rectangle

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



60.8636, 0.2890, 0.2643



60.8636, 0.3602, 0.3016



60.8636, 0.3321, 0.4047



60.8636, 0.2652, 0.3573

Sweetspot

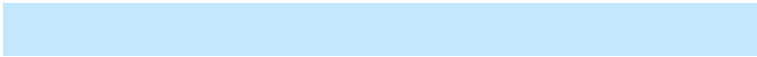
The Sweet Spot groups the original color and five complimentary colors.



60.8646, 0.2890, 0.2643



87.1900, 0.3066, 0.3115



75.6216, 0.2751, 0.3025



18.4373, 0.3061, 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.



60.8646, 0.2890, 0.2643



54.1838, 0.2829, 0.2491



65.9303, 0.3110, 0.2684



17.7407, 0.3043, 0.3049



5.4040, 0.1857, 0.0797



0.5881, 0.1983, 0.0866

Inverse Universe

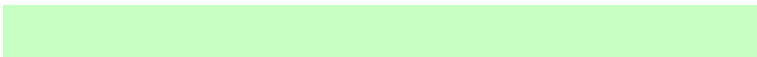
The Inverse Universe completely reimagines the original color for something new.



65.5640, 0.3340, 0.2927



59.7498, 0.3398, 0.2847



87.7101, 0.3133, 0.3962



18.1672, 0.3201, 0.3150



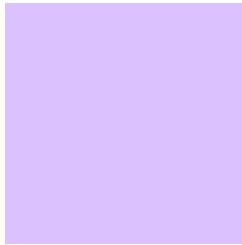
12.3005, 0.4583, 0.2298



1.2194, 0.4382, 0.2188

Previews

White Background



This preview shows how the Yxy color 60.8636, 0.2890, 0.2643 looks on a white background.

Color Contrast Check

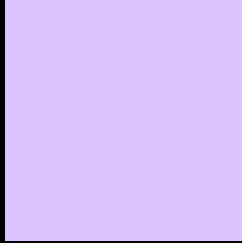
Large Text (above 18pt) WCAG AA × Fail

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 60.8636, 0.2890, 0.2643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

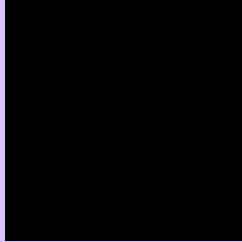
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8636, 0.2890, 0.2643

Background



This preview shows how black text looks on a background with the Yxy color 60.8636, 0.2890, 0.2643.



This preview shows how white text looks on a background with the Yxy color 60.8636, 0.2890, 0.2643.

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

60.8636, 0.2890, 0.2643

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.2084, 0.2769, 0.2707



Tritanopia

60.9292, 0.3105, 0.3109

Trichromacy



Original Color

60.8636, 0.2890, 0.2643

Protanomaly

61.0851, 0.2775, 0.2688

Deuteranomaly

60.8093, 0.2814, 0.2682

Tritanomaly

60.6048, 0.3023, 0.2924

Monochromacy



Original Color

60.8636, 0.2890, 0.2643

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

62.1452, 0.3041, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8636, 0.2890, 0.2643 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(219, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 194, 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(219, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.8636, 0.2890, 0.2643 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(219, 194, 255) }
```

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

```
.border{ border-color:rgb(219, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 194,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8636, 0.2890, 0.2643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 194, 255) }
```

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

```
.background{ background-color: rgb(219,  
194, 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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