

Converting Colors

Yxy(62.4519, 0.2721, 0.2383)

Have a look what the booklet for
Yxy(62.4519, 0.2721, 0.2383)
contains.

Yxy(60.4200, 0.2890, 0.2632)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4200, 0.2890, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	DBC1FF
RGB	219, 193, 255
RGB Percent	86%, 76%, 100%
CMY	0.1411, 0.2432, 0.0000
CMYK	0.14, 0.24, 0.00, 0.00
HSL	265°, 100%, 88%
HSV	265°, 24%, 100%
XYZ	66.3426, 60.4200, 102.7966
YIQ	207.8420, -4.4060, 24.7940

Conversions

Conversions Part 2

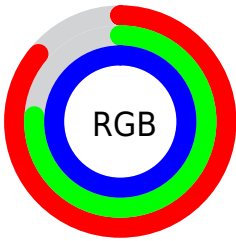
Format	Color
R _Y B	219, 193, 255
Decimal	14402047
CIE Lab	82.07, 20.83, -27.12
CIE LCh	82, 34.198, 307.525
Yxy	60.4200, 0.2890, 0.2632
Android (android.graphics.Color)	4292592127 (0xFFDBC1FF)
YUV	207.8420, 23.2489, 9.7856
Hunter-Lab	77.7303, 16.3213, -23.9985

Details

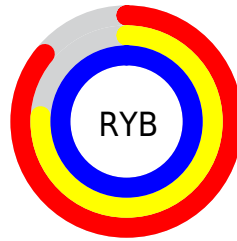
The Yxy color **60.4200, 0.2890, 0.2632** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.0220, 0.3322, 0.3936**, and the grayscale version is **62.8193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **30.3290, 0.2823, 0.2479** is the 20% darker color. If you saturate the color by 10%, you get **47.9085, 0.2768, 0.2329**, and if you desaturate by 10%, it is **75.0803, 0.2998, 0.2919**.

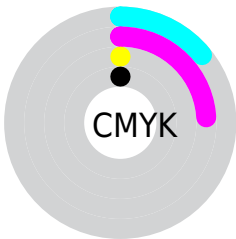
Distribution



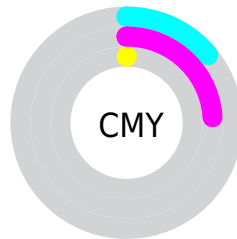
- Red (86%)
- Green (76%)
- Blue (100%)



- 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 60.4200, 0.2890, 0.2632 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 60.4200, 0.2890, 0.2632 by changing the saturation by 10% instead.


 60.4200, 0.2890,
0.2632

 60.4200, 0.2890,
0.2632


426.1442, 0.3007,
0.2932

 43.7573, 0.2862,
0.2565

 105.4387, 0.2932,
0.2735

 30.4797, 0.2826,
0.2483


134.5634, 0.2948,
0.2775

 20.2030, 0.2781,
0.2381


168.6109, 0.2961,
0.2810

 12.5427, 0.2719,
0.2251

207.9656, 0.2973,
0.2840

 7.1144, 0.2632,
0.2078

253.0119, 0.2983,
0.2867

 3.5338, 0.2504,
0.1840

304.1342, 0.2992,

 1.4163, 0.2296,

0.2891

0.1500

361.7168, 0.3000,
0.2912

0.2287, 0.1990,
0.0627

0.0000, 0.0000,
0.0000

60.4200, 0.2890,
0.2632

60.4200, 0.2890,
0.2632

47.9085, 0.2768,
0.2329

75.0803, 0.2998,
0.2919

37.4389, 0.2631,
0.2018

91.9852, 0.3091,
0.3183

28.8978, 0.2485,
0.1712

100.0000, 0.3127,
0.3290

22.1595, 0.2333,
0.1426

■ 17.0827, 0.2184,
0.1178

■ 13.5042, 0.2043,
0.0984

■ 11.2247, 0.1920,
0.0850

■ 10.3501, 0.1858,
0.0797

Harmonies

Analogous

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



60.4200, 0.2538, 0.2587



60.4200, 0.2890, 0.2632



60.4200, 0.3332, 0.2824

Triad

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



60.4200, 0.2890, 0.2632



60.4200, 0.3965, 0.3807



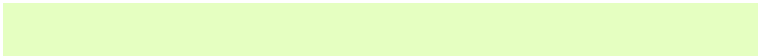
60.4200, 0.2535, 0.3428

Complementary

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



60.4200, 0.2890, 0.2632



92.0220, 0.3322, 0.3936

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.



60.4200, 0.2887, 0.3834



60.4200, 0.2890, 0.2632



60.4200, 0.3717, 0.4037

Square

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



60.4200, 0.2890, 0.2632



60.4200, 0.3978, 0.3473



60.4200, 0.3319, 0.4063



60.4200, 0.2345, 0.3010

Rectangle

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



60.4200, 0.2890, 0.2632



60.4200, 0.3617, 0.3014



60.4200, 0.3319, 0.4063



60.4200, 0.2637, 0.3573

Sweetspot

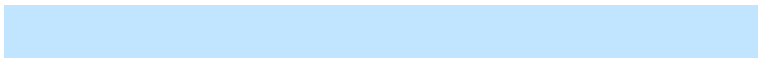
The Sweet Spot groups the original color and five complimentary colors.



60.4207, 0.2890, 0.2632



87.2239, 0.3068, 0.3115



74.6854, 0.2744, 0.3009



18.4452, 0.3062, 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.



60.4207, 0.2890, 0.2632



54.3000, 0.2835, 0.2492



65.6494, 0.3117, 0.2675



17.7504, 0.3045, 0.3049



5.4913, 0.1875, 0.0807



0.5972, 0.2001, 0.0876

Inverse Universe

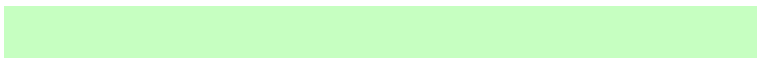
The Inverse Universe completely reimagines the original color for something new.



65.0514, 0.3350, 0.2927



59.7072, 0.3405, 0.2854



87.3973, 0.3126, 0.3976



18.1638, 0.3203, 0.3153



12.2554, 0.4626, 0.2322



1.2151, 0.4420, 0.2208

Previews

White Background



This preview shows how the Yxy color 60.4200, 0.2890, 0.2632 looks on a white background.

Color Contrast Check

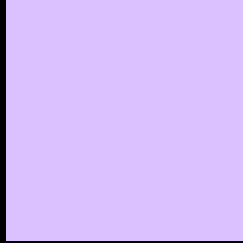
Large Text (above 18pt) WCAG AA × Fail

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 60.4200, 0.2890, 0.2632 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 60.4200, 0.2890, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 60.4200, 0.2890, 0.2632.

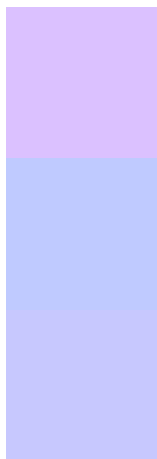


This preview shows how white text looks on a background with the Yxy color 60.4200, 0.2890, 0.2632.

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

60.4200, 0.2890, 0.2632

Protanopia

60.5374, 0.2704, 0.2699

Deuteranopia

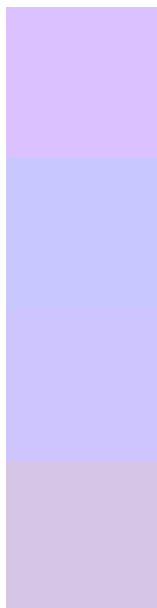
60.6064, 0.2761, 0.2695



Tritanopia

60.4126, 0.3113, 0.3109

Trichromacy



Original Color

60.4200, 0.2890, 0.2632

Protanomaly

60.4844, 0.2768, 0.2676

Deuteranomaly

60.2101, 0.2807, 0.2669

Tritanomaly

60.0927, 0.3030, 0.2924

Monochromacy



Original Color

60.4200, 0.2890, 0.2632

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 60.4200, 0.2890, 0.2632 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 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, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.4200, 0.2890, 0.2632 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, 193, 255) }
```

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

```
.border{ border-color:rgb(219, 193, 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, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 193,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4200, 0.2890, 0.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 255) }
```

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

```
.background{ background-color: rgb(219,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor