

# Converting Colors

Yxy(60.5062, 0.2878, 0.2639)

Have a look what the booklet for  
Yxy(60.5062, 0.2878, 0.2639)  
contains.

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# Color

**Yxy(60.5553, 0.2876, 0.2641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9C2FF
RGB	217, 194, 255
RGB Percent	85%, 76%, 100%
CMY	0.1492, 0.2391, 0.0001
CMYK	0.15, 0.24, 0.00, 0.00
HSL	263°, 100%, 88%
HSV	263°, 24%, 100%
XYZ	65.9436, 60.5553, 102.7904
YIQ	207.8310, -5.8730, 23.8470

# Conversions

## Conversions Part 2

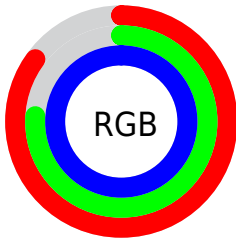
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	217, 194, 255
Decimal	14271231
CIE Lab	82.14, 19.62, -26.99
CIE LCh	82, 33.372, 306.018
Yxy	60.5553, 0.2876, 0.2641
Android (android.graphics.Color)	4292461311 (0xFFD9C2FF)
YUV	207.8310, 23.2543, 8.0412
Hunter-Lab	77.8173, 15.0835, -23.8452

# Details

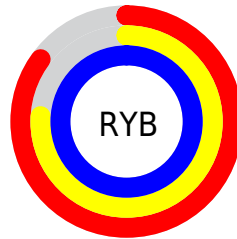
The Yxy color **60.5553, 0.2876, 0.2641** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **92.5544, 0.3337, 0.3920**, and the grayscale version is **62.8093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.5148, 0.2814, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **47.8443, 0.2745, 0.2335**, and if you desaturate by 10%, it is **75.4531, 0.2992, 0.2929**.

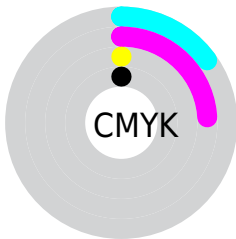
# Distribution



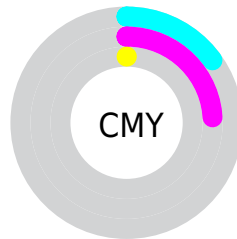
- Red (85%)
- Green (76%)
- Blue (100%)



- Red (85%)
- Yellow (76%)
- Blue (100%)



- Cyan (15%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (15%)
- Magenta (24%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5553, 0.2876, 0.2641 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 60.5553, 0.2876, 0.2641 by changing the saturation by 10% instead.




 60.5553, 0.2876,  
0.2641

 60.5553, 0.2876,  
0.2641


426.6416, 0.2999,  
0.2937

 43.8664, 0.2847,  
0.2575


 105.6348, 0.2920,  
0.2743

 30.5655, 0.2809,  
0.2494


134.7941, 0.2937,  
0.2782

 20.2682, 0.2761,  
0.2393


168.8791, 0.2951,  
0.2817

 12.5901, 0.2697,  
0.2263

208.2740, 0.2963,  
0.2847

 7.1469, 0.2607,  
0.2092

253.3633, 0.2974,  
0.2873

 3.5542, 0.2474,  
0.1856

304.5314, 0.2983,

 1.4274, 0.2260,

0.2897

0.1516

362.1627, 0.2992,  
0.2918

0.2368, 0.1938,  
0.0652

0.0000, 0.0000,  
0.0000

60.5553, 0.2876,  
0.2641

60.5553, 0.2876,  
0.2641

47.8443, 0.2745,  
0.2335

75.4531, 0.2992,  
0.2929

37.2064, 0.2599,  
0.2018

92.6287, 0.3092,  
0.3194

28.5293, 0.2443,  
0.1705

99.9978, 0.3127,  
0.3290

21.6863, 0.2283,  
0.1411

■ 16.5354, 0.2125,  
0.1155

■ 12.9126, 0.1980,  
0.0954

■ 10.6188, 0.1854,  
0.0816

■ 9.7029, 0.1789,  
0.0759

# Harmonies

## Analogous

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



60.5553, 0.2539, 0.2606



60.5553, 0.2876, 0.2641



60.5553, 0.3305, 0.2822

# Triad

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



60.5553, 0.2876, 0.2641



60.5553, 0.3951, 0.3781



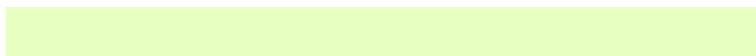
60.5553, 0.2564, 0.3446

# Complementary

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



60.5553, 0.2876, 0.2641



92.5544, 0.3337, 0.3920

# 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.



60.5553, 0.2913, 0.3836



60.5553, 0.2876, 0.2641



60.5553, 0.3719, 0.4012

# Square

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



60.5553, 0.2876, 0.2641



60.5553, 0.3951, 0.3452



60.5553, 0.3336, 0.4047



60.5553, 0.2368, 0.3037



# Rectangle

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



60.5553, 0.2876, 0.2641



60.5553, 0.3586, 0.3006



60.5553, 0.3336, 0.4047



60.5553, 0.2666, 0.3587

# Sweetspot

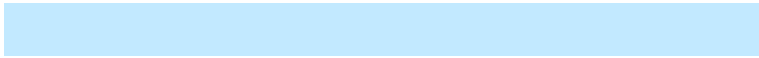
The Sweet Spot groups the original color and five complimentary colors.



60.5578, 0.2876, 0.2641



87.0849, 0.3063, 0.3114



76.7532, 0.2753, 0.3048



18.4130, 0.3057, 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.



60.5578, 0.2876, 0.2641



53.8266, 0.2811, 0.2487



65.5569, 0.3094, 0.2682



17.7108, 0.3038, 0.3048



5.1498, 0.1805, 0.0768



0.5615, 0.1930, 0.0837



# Inverse Universe

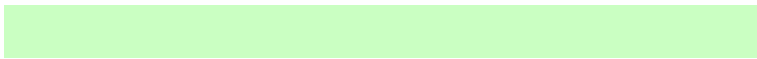
The Inverse Universe completely reimagines the original color for something new.



65.6753, 0.3325, 0.2908



59.8833, 0.3378, 0.2823



87.9715, 0.3145, 0.3959



18.1776, 0.3196, 0.3143



12.4471, 0.4448, 0.2224

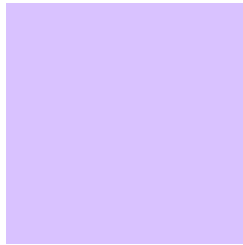


1.2332, 0.4268, 0.2125



# Previews

## White Background



This preview shows how the Yxy color 60.5553, 0.2876, 0.2641 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

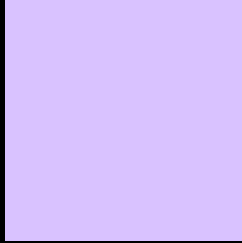
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.5553, 0.2876, 0.2641 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

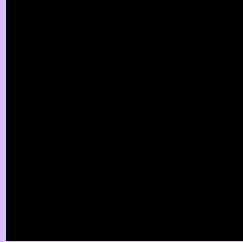
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.5553, 0.2876, 0.2641**

## **Background**



This preview shows how black text looks on a background with the Yxy color 60.5553, 0.2876, 0.2641.

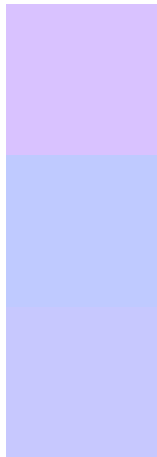


This preview shows how white text looks on a background with the Yxy color 60.5553, 0.2876, 0.2641.

# 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

60.5553, 0.2876, 0.2641

### Protanopia

60.5374, 0.2704, 0.2699

### Deuteranopia

60.6064, 0.2761, 0.2695



## Tritanopia

60.6319, 0.3090, 0.3108

# Trichromacy



## Original Color

60.5553, 0.2876, 0.2641

## Protanomaly

60.3462, 0.2761, 0.2675

## Deuteranomaly

60.6657, 0.2807, 0.2680

## Tritanomaly

60.3038, 0.3008, 0.2923

# Monochromacy



## Original Color

60.5553, 0.2876, 0.2641

## Achromatopsia

63.0757, 0.3127, 0.3290

## Achromatomaly

61.9970, 0.3034, 0.3043

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.5553, 0.2876, 0.2641 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(217, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 194, 255) }
```

## Border

The CSS property to change the border of an element to Yxy 60.5553, 0.2876, 0.2641 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(217, 194, 255) }
```

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

```
.border{ border-color:rgb(217, 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(217, 194, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 194,  
255) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.5553, 0.2876, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 194, 255) }
```

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

```
.background{ background-color: rgb(217,  
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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