

Converting Colors

Yxy(61.3062, 0.2915, 0.2646)

Have a look what the booklet for
Yxy(61.3062, 0.2915, 0.2646)
contains.

Yxy(61.3332, 0.2912, 0.2647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(61.3332, 0.2912, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	DEC2FF
RGB	222, 194, 255
RGB Percent	87%, 76%, 100%
CMY	0.1293, 0.2392, 0.0000
CMYK	0.13, 0.24, 0.00, 0.00
HSL	268°, 100%, 88%
HSV	268°, 24%, 100%
XYZ	67.4735, 61.3332, 102.9017
YIQ	209.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

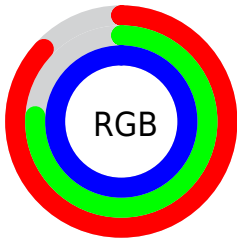
Format	Color
R _Y B	222, 194, 255
Decimal	14598911
CIE Lab	82.56, 21.22, -26.34
CIE LCh	83, 33.824, 308.850
Yxy	61.3332, 0.2912, 0.2647
Android (android.graphics.Color)	4292788991 (0xFFDEC2FF)
YUV	209.3260, 22.5173, 11.1151
Hunter-Lab	78.3155, 16.7362, -23.0825

Details

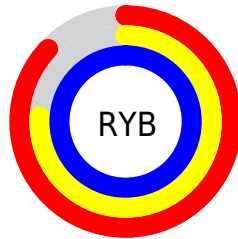
The Yxy color **61.3332, 0.2912, 0.2647** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.7402, 0.3304, 0.3928**, and the grayscale version is **63.8384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **30.9404, 0.2852, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **48.8534, 0.2799, 0.2348**, and if you desaturate by 10%, it is **75.9415, 0.3012, 0.2931**.

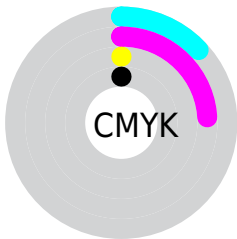
Distribution



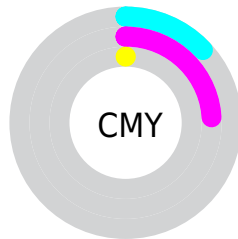
- Red (87%)
- Green (76%)
- Blue (100%)



- Red (87%)
- Yellow (76%)
- Blue (100%)



- Cyan (13%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (13%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.3332, 0.2912, 0.2647 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 61.3332, 0.2912, 0.2647 by changing the saturation by 10% instead.

 61.3332, 0.2912,
0.2647

 61.3332, 0.2912,
0.2647


429.4946, 0.3018,
0.2939

 44.4941, 0.2886,
0.2582


 106.7612, 0.2950,
0.2747

 31.0592, 0.2854,
0.2502


136.1190, 0.2964,
0.2786

 20.6439, 0.2812,
0.2403


170.4184, 0.2977,
0.2820

 12.8640, 0.2756,
0.2276

210.0439, 0.2987,
0.2850

 7.3349, 0.2677,
0.2108

255.3799, 0.2996,
0.2876

 3.6724, 0.2559,
0.1877

306.8108, 0.3005,

 1.4921, 0.2367,

0.2900

0.1546

364.7209, 0.3012,
0.2920

0.2831, 0.2086,
0.0751

0.0000, 0.0000,
0.0000

61.3332, 0.2912,
0.2647

61.3332, 0.2912,
0.2647

48.8534, 0.2799,
0.2348

75.9415, 0.3012,
0.2931

38.3938, 0.2672,
0.2042

92.7698, 0.3097,
0.3193

29.8432, 0.2535,
0.1741

100.0000, 0.3127,
0.3290

23.0776, 0.2393,
0.1461

■ 17.9580, 0.2250,
0.1218

■ 14.3232, 0.2115,
0.1025

■ 11.9773, 0.1994,
0.0892

■ 11.0142, 0.1928,
0.0836

Harmonies

Analogous

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



61.3332, 0.2559, 0.2596



61.3332, 0.2912, 0.2647



61.3332, 0.3348, 0.2842

Triad

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



61.3332, 0.2912, 0.2647



61.3332, 0.3945, 0.3813



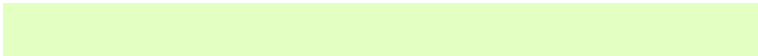
61.3332, 0.2532, 0.3407

Complementary

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



61.3332, 0.2912, 0.2647



91.7402, 0.3304, 0.3928

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.



61.3332, 0.2873, 0.3810



61.3332, 0.2912, 0.2647



61.3332, 0.3693, 0.4032

Square

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



61.3332, 0.2912, 0.2647



61.3332, 0.3969, 0.3486



61.3332, 0.3297, 0.4045



61.3332, 0.2353, 0.2999

Rectangle

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



61.3332, 0.2912, 0.2647



61.3332, 0.3627, 0.3032



61.3332, 0.3297, 0.4045



61.3332, 0.2631, 0.3550

Sweetspot

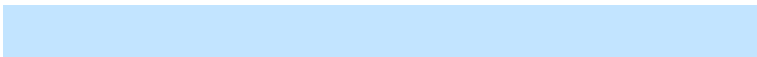
The Sweet Spot groups the original color and five complimentary colors.



61.3348, 0.2912, 0.2647



87.3512, 0.3072, 0.3115



73.9266, 0.2748, 0.2991



18.4746, 0.3067, 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.



61.3348, 0.2912, 0.2647



54.7399, 0.2856, 0.2497



66.4869, 0.3132, 0.2688



17.7866, 0.3051, 0.3049



5.8416, 0.1945, 0.0845



0.6328, 0.2070, 0.0914

Inverse Universe

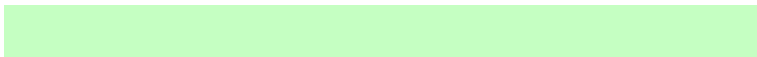
The Inverse Universe completely reimagines the original color for something new.



65.3851, 0.3364, 0.2957



59.5495, 0.3429, 0.2883



87.2911, 0.3114, 0.3966



18.1513, 0.3209, 0.3162



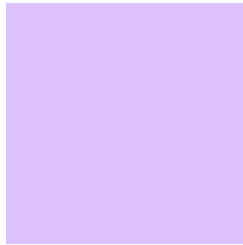
12.0955, 0.4793, 0.2414



1.1998, 0.4562, 0.2287

Previews

White Background



This preview shows how the Yxy color 61.3332, 0.2912, 0.2647 looks on a white background.

Color Contrast Check

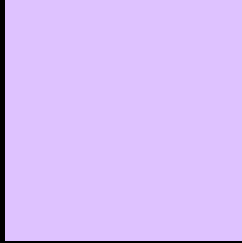
Large Text (above 18pt) WCAG AA × Fail

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 61.3332, 0.2912, 0.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

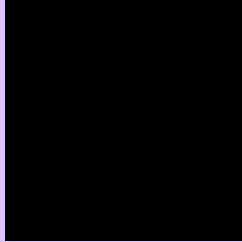
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.3332, 0.2912, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 61.3332, 0.2912, 0.2647.

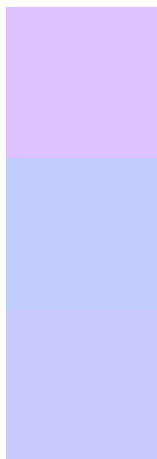


This preview shows how white text looks on a background with the Yxy color 61.3332, 0.2912, 0.2647.

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

61.3332, 0.2912, 0.2647

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3466, 0.2775, 0.2708



Tritanopia

61.3820, 0.3128, 0.3110

Trichromacy



Original Color

61.3332, 0.2912, 0.2647

Protanomaly

61.3659, 0.2789, 0.2691

Deuteranomaly

61.0992, 0.2828, 0.2684

Tritanomaly

61.0631, 0.3045, 0.2927

Monochromacy



Original Color

61.3332, 0.2912, 0.2647

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

62.9729, 0.3049, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3332, 0.2912, 0.2647 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(222, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(222, 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(222, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.3332, 0.2912, 0.2647 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(222, 194, 255) }
```

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

```
.border{ border-color:rgb(222, 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(222, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 194, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 194, 255); box-shadow:4px 4px 4px 4px rgb(222, 194, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3332, 0.2912, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 255) }
```

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

```
.background{ background-color: rgb(222,  
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](#).

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