

Converting Colors

Yxy(61.5132, 0.2952, 0.2657)

Have a look what the booklet for
Yxy(61.5132, 0.2952, 0.2657)
contains.

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Color

Yxy(61.4644, 0.2947, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	E2C1FE
RGB	226, 193, 254
RGB Percent	89%, 76%, 100%
CMY	0.1137, 0.2431, 0.0038
CMYK	0.11, 0.24, 0.00, 0.00
HSL	272°, 97%, 88%
HSV	272°, 24%, 100%
XYZ	68.3273, 61.4644, 102.0620
YIQ	209.8210, 0.0870, 25.9670

Conversions

Conversions Part 2

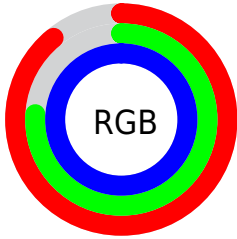
Format	Color
R _Y B	226, 193, 254
Decimal	14860798
CIE Lab	82.63, 22.79, -25.69
CIE LCh	83, 34.337, 311.579
Yxy	61.4644, 0.2947, 0.2651
Android (android.graphics.Color)	4293050878 (0xFFE2C1FE)
YUV	209.8210, 21.7802, 14.1890
Hunter-Lab	78.3992, 18.3694, -22.3057

Details

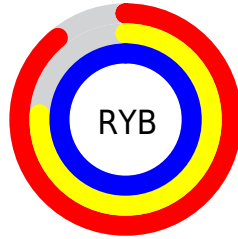
The Yxy color **61.4644, 0.2947, 0.2651** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.1391, 0.3272, 0.3937**, and the grayscale version is **64.1819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **31.0425, 0.2898, 0.2506** is the 20% darker color. If you saturate the color by 10%, you get **49.3602, 0.2851, 0.2360**, and if you desaturate by 10%, it is **75.6313, 0.3030, 0.2930**.

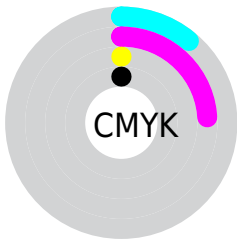
Distribution



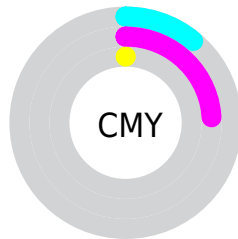
- Red (89%)
- Green (76%)
- Blue (100%)



- Red (89%)
- Yellow (76%)
- Blue (100%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (11%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4644, 0.2947, 0.2651 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 61.4644, 0.2947, 0.2651 by changing the saturation by 10% instead.

 61.4644, 0.2947,
0.2651

 61.4644, 0.2947,
0.2651

429.9747, 0.3037,
0.2941

 44.6001, 0.2925,
0.2586


 106.9511, 0.2979,
0.2750

 31.1425, 0.2897,
0.2508


136.3422, 0.2992,
0.2789

 20.7074, 0.2861,
0.2409

170.6777, 0.3002,
0.2823

 12.9103, 0.2812,
0.2284

210.3420, 0.3011,
0.2852

 7.3668, 0.2743,
0.2117

255.7194, 0.3019,
0.2879

 3.6925, 0.2638,
0.1889

307.1944, 0.3026,

 1.5031, 0.2467,

0.2902

0.1561

365.1514, 0.3032,
0.2922

0.2909, 0.2219,
0.0775

0.0000, 0.0000,
0.0000

61.4644, 0.2947,
0.2651

61.4644, 0.2947,
0.2651

49.3602, 0.2851,
0.2360

75.6313, 0.3030,
0.2930

39.2098, 0.2744,
0.2064

91.9472, 0.3102,
0.3191

30.9058, 0.2628,
0.1776

99.9384, 0.3133,
0.3299

24.3272, 0.2505,
0.1511

■ 19.3378, 0.2380,
0.1282

■ 15.7798, 0.2260,
0.1101

■ 13.4609, 0.2148,
0.0976

■ 12.5043, 0.2086,
0.0923

Harmonies

Analogous

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



61.4644, 0.2578, 0.2585



61.4644, 0.2947, 0.2651



61.4644, 0.3392, 0.2860

Triad

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



61.4644, 0.2947, 0.2651



61.4644, 0.3942, 0.3846



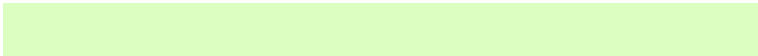
61.4644, 0.2500, 0.3368

Complementary

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



61.4644, 0.2947, 0.2651



90.1391, 0.3272, 0.3937

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.



61.4644, 0.2833, 0.3785



61.4644, 0.2947, 0.2651



61.4644, 0.3668, 0.4053

Square

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



61.4644, 0.2947, 0.2651



61.4644, 0.3990, 0.3521



61.4644, 0.3259, 0.4046



61.4644, 0.2335, 0.2962

Rectangle

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



61.4644, 0.2947, 0.2651



61.4644, 0.3668, 0.3058



61.4644, 0.3259, 0.4046



61.4644, 0.2595, 0.3514

Sweetspot

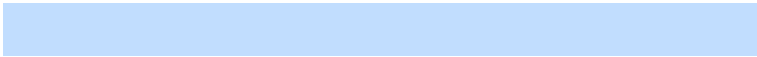
The Sweet Spot groups the original color and five complimentary colors.



61.4670, 0.2947, 0.2651



87.6129, 0.3082, 0.3115



70.4660, 0.2742, 0.2933



18.5352, 0.3077, 0.3100



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.



61.4670, 0.2947, 0.2651



55.6641, 0.2901, 0.2507



66.2476, 0.3170, 0.2709



17.8614, 0.3064, 0.3050



6.6789, 0.2102, 0.0932



0.7153, 0.2220, 0.0997

Inverse Universe

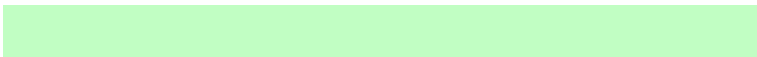
The Inverse Universe completely reimagines the original color for something new.



64.4417, 0.3404, 0.3004



59.2357, 0.3479, 0.2942



86.1890, 0.3084, 0.3949



18.1259, 0.3222, 0.3181



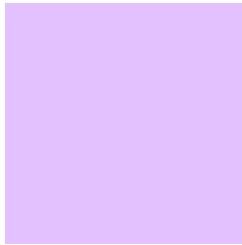
11.8112, 0.5136, 0.2603



1.1718, 0.4861, 0.2451

Previews

White Background



This preview shows how the Yxy color 61.4644, 0.2947, 0.2651 looks on a white background.

Color Contrast Check

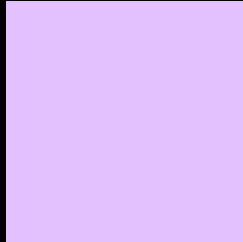
Large Text (above 18pt) WCAG AA × Fail

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 61.4644, 0.2947, 0.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

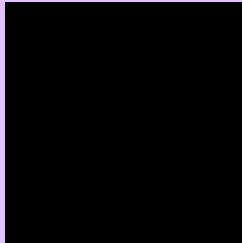
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4644, 0.2947, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 61.4644, 0.2947, 0.2651.



This preview shows how white text looks on a background with the Yxy color 61.4644, 0.2947, 0.2651.

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

61.4644, 0.2947, 0.2651

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3581, 0.2794, 0.2729



Tritanopia

61.4821, 0.3166, 0.3112

Trichromacy



Original Color

61.4644, 0.2947, 0.2651

Protanomaly

61.5077, 0.2796, 0.2692

Deuteranomaly

61.3289, 0.2848, 0.2696

Tritanomaly

61.1753, 0.3083, 0.2929

Monochromacy



Original Color

61.4644, 0.2947, 0.2651

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.2756, 0.3064, 0.3046

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4644, 0.2947, 0.2651 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(226, 193, 254)` looks like.

```
.text, #text, p{  
    color:rgb(226, 193, 254)  
}
```

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(226, 193, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 193, 254) }
```

Border

The CSS property to change the border of an element to Yxy 61.4644, 0.2947, 0.2651 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(226, 193, 254) }
```

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

```
.border{ border-color:rgb(226, 193, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 193, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 193, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 193, 254);  
box-shadow:4px 4px 4px 4px rgb(226, 193,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4644, 0.2947, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 193, 254) }
```

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

```
.background{ background-color: rgb(226,  
193, 254) }
```

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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