

Converting Colors

Yxy(61.4729, 0.3044, 0.2618)

Have a look what the booklet for
Yxy(61.4729, 0.3044, 0.2618)
contains.

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Color

Yxy(61.4729, 0.3044, 0.2618)

Conversions

Conversions Part 1

Format	Color
Hex	EFBCFE
RGB	239, 188, 254
RGB Percent	94%, 74%, 100%
CMY	0.0626, 0.2628, 0.0039
CMYK	0.06, 0.26, 0.00, 0.00
HSL	286°, 97%, 87%
HSV	286°, 26%, 100%
XYZ	71.4757, 61.4729, 101.8600
YIQ	210.7730, 9.2100, 31.3380

Conversions

Conversions Part 2

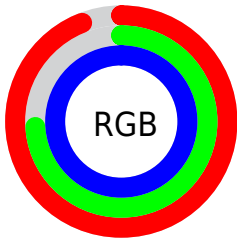
Format	Color
R _Y B	239, 188, 254
Decimal	15711486
CIE Lab	82.63, 29.55, -25.55
CIE LCh	83, 39.059, 319.149
Yxy	61.4729, 0.3044, 0.2618
Android (android.graphics.Color)	4293901566 (0xFFEFBCFE)
YUV	210.7730, 21.3109, 24.7551
Hunter-Lab	78.4047, 25.5172, -22.1438

Details

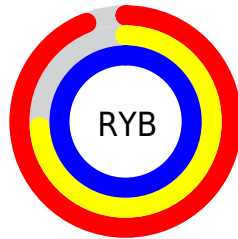
The Yxy color **61.4729, 0.3044, 0.2618** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.2026, 0.3184, 0.4017**, and the grayscale version is **64.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **31.0265, 0.3014, 0.2468** is the 20% darker color. If you saturate the color by 10%, you get **50.5755, 0.3001, 0.2349**, and if you desaturate by 10%, it is **74.3171, 0.3081, 0.2885**.

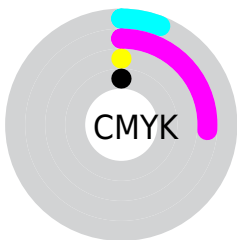
Distribution



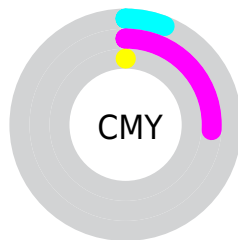
- Red (94%)
- Green (74%)
- Blue (100%)



- Red (94%)
- Yellow (74%)
- Blue (100%)



- Cyan (6%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4729, 0.3044, 0.2618 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 61.4729, 0.3044, 0.2618 by changing the saturation by 10% instead.

 61.4729, 0.3044,
0.2618

 61.4729, 0.3044,
0.2618


430.0058, 0.3090,
0.2921

 44.6069, 0.3032,
0.2551


 106.9634, 0.3061,
0.2721

 31.1479, 0.3016,
0.2470


136.3566, 0.3067,
0.2762

 20.7115, 0.2995,
0.2369


170.6945, 0.3073,
0.2797

 12.9133, 0.2966,
0.2240

210.3613, 0.3077,
0.2828

 7.3689, 0.2923,
0.2070

255.7414, 0.3081,
0.2855

 3.6938, 0.2854,
0.1840

307.2193, 0.3084,

 1.5038, 0.2736,

0.2879

0.1512

365.1793, 0.3087,
0.2901

0.2914, 0.2578,
0.0745

0.0000, 0.0000,
0.0000

61.4729, 0.3044,
0.2618

61.4729, 0.3044,
0.2618

50.5755, 0.3001,
0.2349

74.3171, 0.3081,
0.2885

41.5166, 0.2951,
0.2087

89.1932, 0.3112,
0.3142

34.1894, 0.2896,
0.1844

99.9355, 0.3133,
0.3300

28.4725, 0.2837,
0.1630

■ 24.2287, 0.2776,
0.1456

■ 21.2976, 0.2714,
0.1328

■ 19.4802, 0.2654,
0.1246

■ 18.9455, 0.2630,
0.1222

Harmonies

Analogous

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



61.4729, 0.2597, 0.2499



61.4729, 0.3044, 0.2618



61.4729, 0.3552, 0.2884

Triad

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



61.4729, 0.3044, 0.2618



61.4729, 0.3992, 0.3990



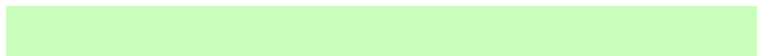
61.4729, 0.2352, 0.3249

Complementary

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



61.4729, 0.3044, 0.2618



87.2026, 0.3184, 0.4017

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.



61.4729, 0.2681, 0.3746



61.4729, 0.3044, 0.2618



61.4729, 0.3628, 0.4184

Square

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



61.4729, 0.3044, 0.2618



61.4729, 0.4123, 0.3641



61.4729, 0.3146, 0.4109



61.4729, 0.2223, 0.2817

Rectangle

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



61.4729, 0.3044, 0.2618



61.4729, 0.3845, 0.3118



61.4729, 0.3146, 0.4109



61.4729, 0.2441, 0.3416

Sweetspot

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



61.4755, 0.3044, 0.2618



86.8011, 0.3106, 0.3092



60.7447, 0.2692, 0.2722



18.0805, 0.3101, 0.3053



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.



61.4755, 0.3044, 0.2618



56.2687, 0.3023, 0.2483



63.1132, 0.3290, 0.2804



18.0805, 0.3101, 0.3053



10.0578, 0.2640, 0.1228



1.0277, 0.2708, 0.1265

Inverse Universe

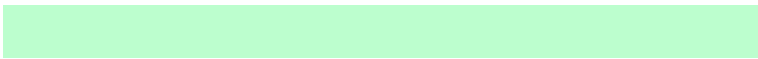
The Inverse Universe completely reimagines the original color for something new.



61.3439, 0.3559, 0.3136



56.1804, 0.3674, 0.3105



86.0083, 0.2997, 0.3832



18.0545, 0.3258, 0.3236



11.2859, 0.6006, 0.3082



1.1146, 0.5698, 0.2912

Previews

White Background



This preview shows how the Yxy color 61.4729, 0.3044, 0.2618 looks on a white background.

Color Contrast Check

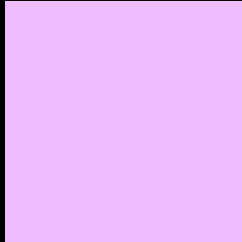
Large Text (above 18pt) WCAG AA × Fail

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 61.4729, 0.3044, 0.2618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

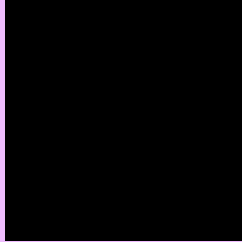
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4729, 0.3044, 0.2618

Background



This preview shows how black text looks on a background with the Yxy color 61.4729, 0.3044, 0.2618.

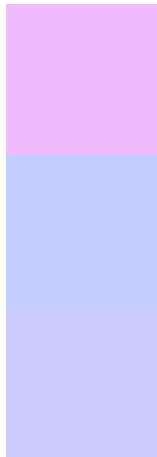


This preview shows how white text looks on a background with the Yxy color 61.4729, 0.3044, 0.2618.

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

61.4729, 0.3044, 0.2618

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.9026, 0.2808, 0.2752



Tritanopia

61.5066, 0.3310, 0.3127

Trichromacy



Original Color

61.4729, 0.3044, 0.2618



Protanomaly

61.3098, 0.2829, 0.2675



Deuteranomaly

61.5597, 0.2889, 0.2701



Tritanomaly

61.3481, 0.3207, 0.2928

Monochromacy



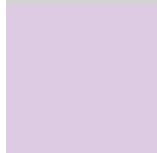
Original Color

61.4729, 0.3044, 0.2618



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.6301, 0.3094, 0.3027

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4729, 0.3044, 0.2618 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(239, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 188, 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(239, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 188, 254) }
```

Border

The CSS property to change the border of an element to Yxy 61.4729, 0.3044, 0.2618 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(239, 188, 254) }
```

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

```
.border{ border-color:rgb(239, 188, 254) }
```

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

Here you see how a box with a 4 pixel rgb(239, 188, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(239, 188,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4729, 0.3044, 0.2618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 188, 254) }
```

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

```
.background{ background-color: rgb(239,  
188, 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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