

Converting Colors

Yxy(61.1795, 0.2968, 0.2641)

Have a look what the booklet for
Yxy(61.1795, 0.2968, 0.2641)
contains.

Yxy(61.0754, 0.2969, 0.2634)	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(61.0754, 0.2969, 0.2634)

Conversions

Conversions Part 1

Format	Color
Hex	E5BFFE
RGB	229, 191, 254
RGB Percent	90%, 75%, 100%
CMY	0.1019, 0.2510, 0.0038
CMYK	0.10, 0.25, 0.00, 0.00
HSL	276°, 97%, 87%
HSV	276°, 25%, 100%
XYZ	68.8432, 61.0754, 101.9546
YIQ	209.5440, 2.4250, 27.6490

Conversions

Conversions Part 2

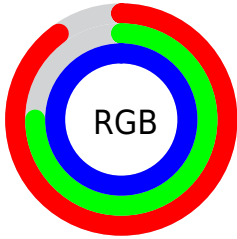
Format	Color
R _Y B	229, 191, 254
Decimal	15056894
CIE Lab	82.42, 24.81, -25.98
CIE LCh	82, 35.922, 313.686
Yxy	61.0754, 0.2969, 0.2634
Android (android.graphics.Color)	4293246974 (0xFFE5BFFE)
YUV	209.5440, 21.9168, 17.0629
Hunter-Lab	78.1508, 20.4772, -22.6436

Details

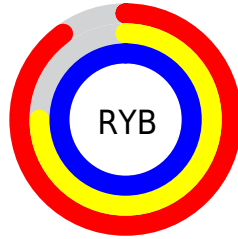
The Yxy color $61.0754, 0.2969, 0.2634$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.2661, 0.3251, 0.3966$, and the grayscale version is $63.9907, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.6148, 0.3130, 0.3223$, and $30.8068, 0.2926, 0.2486$ is the 20% darker color. If you saturate the color by 10%, you get $49.3328, 0.2887, 0.2348$, and if you desaturate by 10%, it is $74.8409, 0.3040, 0.2910$.

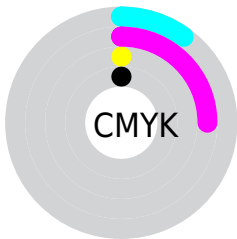
Distribution



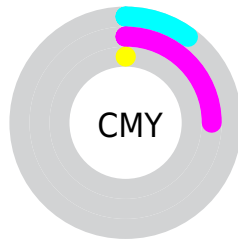
- Red (90%)
- Green (75%)
- Blue (100%)



- Red (90%)
- Yellow (75%)
- Blue (100%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0754, 0.2969, 0.2634 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 61.0754, 0.2969, 0.2634 by changing the saturation by 10% instead.

 61.0754, 0.2969,
0.2634

 61.0754, 0.2969,
0.2634


428.5504, 0.3049,
0.2931

 44.2860, 0.2949,
0.2568

 106.3881, 0.2998,
0.2736

 30.8954, 0.2924,
0.2487


135.6802, 0.3009,
0.2776

 20.5192, 0.2891,
0.2387


169.9087, 0.3018,
0.2810

 12.7730, 0.2846,
0.2259

209.4579, 0.3026,
0.2840

 7.2724, 0.2782,
0.2090

254.7123, 0.3033,
0.2867

 3.6331, 0.2684,
0.1858

306.0563, 0.3039,

 1.4705, 0.2522,

0.2891

0.1526

363.8742, 0.3044,
0.2912

0.2678, 0.2296,
0.0715

0.0000, 0.0000,
0.0000

61.0754, 0.2969,
0.2634

61.0754, 0.2969,
0.2634

49.3328, 0.2887,
0.2348

74.8409, 0.3040,
0.2910

39.5044, 0.2794,
0.2061

90.7152, 0.3101,
0.3171

31.4833, 0.2693,
0.1785

99.9380, 0.3133,
0.3299

25.1481, 0.2587,
0.1534

■ 20.3624, 0.2478,
0.1320

■ 16.9674, 0.2371,
0.1154

■ 14.7682, 0.2271,
0.1040

■ 13.9555, 0.2222,
0.0998

Harmonies

Analogous

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



61.0754, 0.2575, 0.2553



61.0754, 0.2969, 0.2634



61.0754, 0.3437, 0.2860

Triad

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



61.0754, 0.2969, 0.2634



61.0754, 0.3967, 0.3890



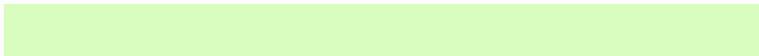
61.0754, 0.2453, 0.3338

Complementary

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



61.0754, 0.2969, 0.2634



89.2661, 0.3251, 0.3966

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.



61.0754, 0.2789, 0.3784



61.0754, 0.2969, 0.2634



61.0754, 0.3666, 0.4098

Square

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



61.0754, 0.2969, 0.2634



61.0754, 0.4037, 0.3554



61.0754, 0.3232, 0.4074



61.0754, 0.2295, 0.2919

Rectangle

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



61.0754, 0.2969, 0.2634



61.0754, 0.3722, 0.3070



61.0754, 0.3232, 0.4074



61.0754, 0.2547, 0.3493

Sweetspot

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



61.0780, 0.2969, 0.2634



87.8169, 0.3089, 0.3116



67.4520, 0.2724, 0.2872



18.5825, 0.3085, 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.



61.0780, 0.2969, 0.2634



55.2119, 0.2928, 0.2486



65.0958, 0.3202, 0.2728



17.9198, 0.3074, 0.3051



7.4433, 0.2237, 0.1006



0.7882, 0.2345, 0.1066

Inverse Universe

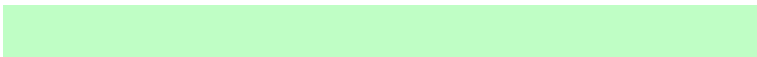
The Inverse Universe completely reimagines the original color for something new.



63.2931, 0.3447, 0.3034



57.8960, 0.3536, 0.2978



86.0258, 0.3060, 0.3925



18.1064, 0.3232, 0.3196



11.6288, 0.5398, 0.2747



1.1531, 0.5095, 0.2580

Previews

White Background



This preview shows how the Yxy color 61.0754, 0.2969, 0.2634 looks on a white background.

Color Contrast Check

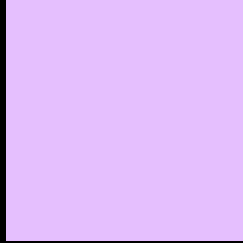
Large Text (above 18pt) WCAG AA × Fail

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 61.0754, 0.2969, 0.2634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

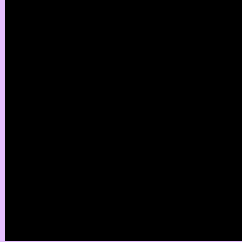
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0754, 0.2969, 0.2634

Background



This preview shows how black text looks on a background with the Yxy color 61.0754, 0.2969, 0.2634.

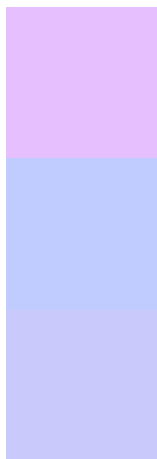


This preview shows how white text looks on a background with the Yxy color 61.0754, 0.2969, 0.2634.

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

61.0754, 0.2969, 0.2634

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.3581, 0.2794, 0.2729



Tritanopia

60.9312, 0.3206, 0.3112

Trichromacy



Original Color

61.0754, 0.2969, 0.2634

Protanomaly

61.0460, 0.2795, 0.2681

Deuteranomaly

61.0214, 0.2855, 0.2686

Tritanomaly

60.6949, 0.3113, 0.2920

Monochromacy



Original Color

61.0754, 0.2969, 0.2634

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

62.9546, 0.3071, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0754, 0.2969, 0.2634 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(229, 191, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 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(229, 191, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 254) }
```

Border

The CSS property to change the border of an element to Yxy 61.0754, 0.2969, 0.2634 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(229, 191, 254) }
```

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

```
.border{ border-color:rgb(229, 191, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 191, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 191, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 191,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0754, 0.2969, 0.2634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 254) }
```

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

```
.background{ background-color: rgb(229,  
191, 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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