

Converting Colors

Yxy(66.7207, 0.2576, 0.2049)

Have a look what the booklet for
Yxy(66.7207, 0.2576, 0.2049)
contains.

Yxy(61.1076, 0.2999, 0.2612)	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(61.1076, 0.2999, 0.2612)

Conversions

Conversions Part 1

Format	Color
Hex	EABDFF
RGB	234, 189, 255
RGB Percent	92%, 74%, 100%
CMY	0.0826, 0.2587, 0.0001
CMYK	0.08, 0.26, 0.00, 0.00
HSL	281°, 100%, 87%
HSV	281°, 26%, 100%
XYZ	70.1614, 61.1076, 102.6804
YIQ	209.9790, 5.6340, 30.0660

Conversions

Conversions Part 2

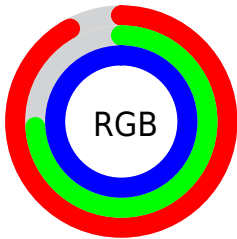
Format	Color
RYB	234, 189, 255
Decimal	15384063
CIELab	82.44, 27.58, -26.41
CIELCh	82, 38.189, 316.247
Yxy	61.1076, 0.2999, 0.2612
Android (android.graphics.Color)	4293574143 (0xFFEABDFF)
YUV	209.9790, 22.1954, 21.0664
Hunter-Lab	78.1714, 23.4100, -23.1593

Details

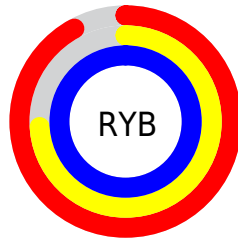
The Yxy color $61.1076, 0.2999, 0.2612$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $88.8883, 0.3223, 0.4004$, and the grayscale version is $64.2818, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.3915, 0.3131, 0.3204$, and $30.8701, 0.2965, 0.2460$ is the 20% darker color. If you saturate the color by 10%, you get $49.7415, 0.2934, 0.2333$, and if you desaturate by 10%, it is $74.4703, 0.3055, 0.2885$.

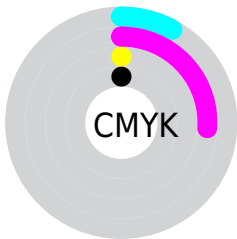
Distribution



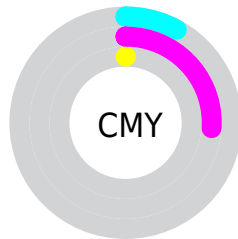
- Red (92%)
- Green (74%)
- Blue (100%)



- Red (92%)
- Yellow (74%)
- Blue (100%)



- Cyan (8%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1076, 0.2999, 0.2612 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 61.1076, 0.2999, 0.2612 by changing the saturation by 10% instead.


 61.1076, 0.2999,
0.2612

 61.1076, 0.2999,
0.2612


428.6684, 0.3066,
0.2918

 44.3120, 0.2982,
0.2544


 106.4347, 0.3023,
0.2716

 30.9159, 0.2961,
0.2462


135.7350, 0.3033,
0.2758

 20.5348, 0.2932,
0.2359


169.9724, 0.3040,
0.2793

 12.7844, 0.2893,
0.2229

209.5312, 0.3047,
0.2824

 7.2802, 0.2837,
0.2057

254.7958, 0.3052,
0.2852

 3.6380, 0.2750,
0.1823

306.1506, 0.3057,

 1.4732, 0.2603,

0.2876

0.1489

363.9800, 0.3062,
0.2898

0.2697, 0.2401,
0.0694

0.0000, 0.0000,
0.0000

61.1076, 0.2999,
0.2612

61.1076, 0.2999,
0.2612

49.7415, 0.2934,
0.2333

74.4703, 0.3055,
0.2885

40.2625, 0.2860,
0.2058

89.9161, 0.3103,
0.3145

32.5620, 0.2780,
0.1798

99.9982, 0.3127,
0.3290

26.5174, 0.2694,
0.1565

■ 21.9898, 0.2606,
0.1371

■ 18.8169, 0.2519,
0.1224

■ 16.7977, 0.2436,
0.1127

■ 16.1782, 0.2403,
0.1097

Harmonies

Analogous

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



61.1076, 0.2572, 0.2511



61.1076, 0.2999, 0.2612



61.1076, 0.3497, 0.2861

Triad

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



61.1076, 0.2999, 0.2612



61.1076, 0.3999, 0.3949



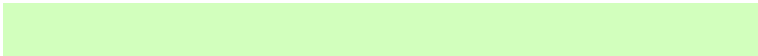
61.1076, 0.2390, 0.3298

Complementary

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



61.1076, 0.2999, 0.2612



88.8883, 0.3223, 0.4004

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.



61.1076, 0.2730, 0.3780



61.1076, 0.2999, 0.2612



61.1076, 0.3661, 0.4158

Square

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



61.1076, 0.2999, 0.2612



61.1076, 0.4100, 0.3599



61.1076, 0.3194, 0.4111



61.1076, 0.2243, 0.2862

Rectangle

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



61.1076, 0.2999, 0.2612



61.1076, 0.3794, 0.3087



61.1076, 0.3194, 0.4111



61.1076, 0.2484, 0.3462

Sweetspot

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



61.1102, 0.2999, 0.2612



86.4548, 0.3093, 0.3091



64.6357, 0.2702, 0.2801



17.9929, 0.3087, 0.3052



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.



61.1102, 0.2999, 0.2612



55.0395, 0.2967, 0.2469



64.1943, 0.3239, 0.2744



17.9929, 0.3087, 0.3052



8.5391, 0.2416, 0.1104



0.8900, 0.2508, 0.1155

Inverse Universe

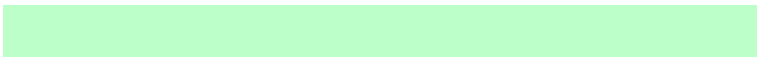
The Inverse Universe completely reimagines the original color for something new.



62.3199, 0.3507, 0.3075



56.5156, 0.3609, 0.3030



86.4964, 0.3033, 0.3905



18.0825, 0.3244, 0.3214



11.4456, 0.5700, 0.2914



1.1333, 0.5381, 0.2738

Previews

White Background



This preview shows how the Yxy color 61.1076, 0.2999, 0.2612 looks on a white background.

Color Contrast Check

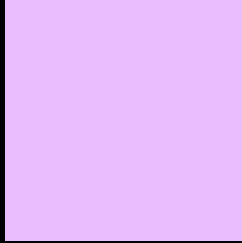
Large Text (above 18pt) WCAG AA × Fail

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 61.1076, 0.2999, 0.2612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

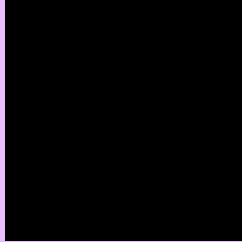
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1076, 0.2999, 0.2612

Background



This preview shows how black text looks on a background with the Yxy color 61.1076, 0.2999, 0.2612.

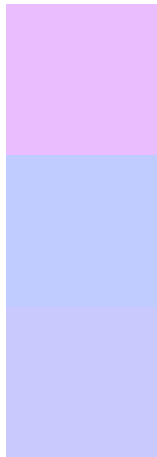


This preview shows how white text looks on a background with the Yxy color 61.1076, 0.2999, 0.2612.

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

61.1076, 0.2999, 0.2612

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.2826, 0.2781, 0.2718



Tritanopia

61.0169, 0.3254, 0.3125

Trichromacy



Original Color

61.1076, 0.2999, 0.2612



Protanomaly

60.8736, 0.2808, 0.2672



Deuteranomaly

61.2344, 0.2855, 0.2678



Tritanomaly

61.0080, 0.3160, 0.2924

Monochromacy



Original Color

61.1076, 0.2999, 0.2612



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.7921, 0.3087, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1076, 0.2999, 0.2612 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(234, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 189, 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(234, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.1076, 0.2999, 0.2612 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(234, 189, 255) }
```

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

```
.border{ border-color:rgb(234, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1076, 0.2999, 0.2612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 189, 255) }
```

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

```
.background{ background-color: rgb(234,  
189, 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