

Converting Colors

Yxy(69.9856, 0.2473, 0.1843)

Have a look what the booklet for
Yxy(69.9856, 0.2473, 0.1843)
contains.

Yxy(61.2151, 0.3060, 0.2593)	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(61.2151, 0.3060, 0.2593)

Conversions

Conversions Part 1

Format	Color
Hex	F2BAFF
RGB	242, 186, 255
RGB Percent	95%, 73%, 100%
CMY	0.0508, 0.2706, 0.0000
CMYK	0.05, 0.27, 0.00, 0.00
HSL	289°, 100%, 86%
HSV	289°, 27%, 100%
XYZ	72.2400, 61.2151, 102.6232
YIQ	210.6100, 11.2270, 33.3310

Conversions

Conversions Part 2

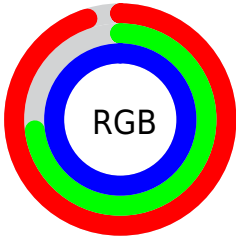
Format	Color
R _Y B	242, 186, 255
Decimal	15907583
CIE Lab	82.49, 31.76, -26.27
CIE LCh	82, 41.215, 320.396
Yxy	61.2151, 0.3060, 0.2593
Android (android.graphics.Color)	4294097663 (0xFFFF2BAFF)
YUV	210.6100, 21.8843, 27.5290
Hunter-Lab	78.2401, 27.8909, -22.9994

Details

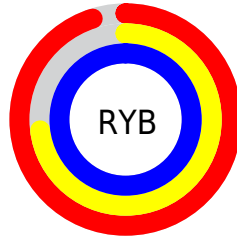
The Yxy color $61.2151, 0.3060, 0.2593$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.1978, 0.3170, 0.4055$, and the grayscale version is $64.7213, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.5812, 0.3133, 0.3175$, and $30.8940, 0.3035, 0.2438$ is the 20% darker color. If you saturate the color by 10%, you get $50.5798, 0.3026, 0.2329$, and if you desaturate by 10%, it is $73.7936, 0.3089, 0.2858$.

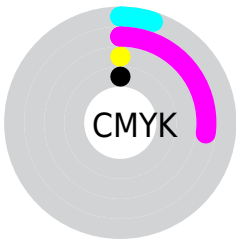
Distribution



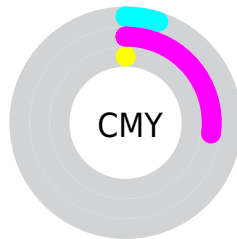
- Red (95%)
- Green (73%)
- Blue (100%)



- Red (95%)
- Yellow (73%)
- Blue (100%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2151, 0.3060, 0.2593 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 61.2151, 0.3060, 0.2593 by changing the saturation by 10% instead.


 61.2151, 0.3060,
0.2593

 61.2151, 0.3060,
0.2593


429.0622, 0.3099,
0.2906

 44.3988, 0.3049,
0.2524


 106.5903, 0.3075,
0.2700

 30.9841, 0.3036,
0.2440


135.9180, 0.3080,
0.2742

 20.5868, 0.3017,
0.2336


170.1850, 0.3085,
0.2778

 12.8223, 0.2990,
0.2204

209.7756, 0.3088,
0.2810

 7.3063, 0.2950,
0.2031

255.0742, 0.3092,
0.2838

 3.6544, 0.2886,
0.1796


306.4652, 0.3094,


 1.4822, 0.2774,


0.2863


0.1464

364.3331, 0.3097,
0.2886


 0.2761, 0.2628,
0.0689


 0.0000, 0.0000,
0.0000

 61.2151, 0.3060,
0.2593


 61.2151, 0.3060,
0.2593

 50.5798, 0.3026,
0.2329


 73.7936, 0.3089,
0.2858

 41.7796, 0.2986,
0.2074

 88.4037, 0.3113,
0.3115

 34.7048, 0.2942,
0.1841

100.0000, 0.3127,
0.3290

 29.2316, 0.2894,
0.1639

■ 25.2196, 0.2844,
0.1478

■ 22.5035, 0.2793,
0.1363

■ 20.8726, 0.2743,
0.1293

■ 20.5067, 0.2729,
0.1277

Harmonies

Analogous

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



61.2151, 0.2584, 0.2461



61.2151, 0.3060, 0.2593



61.2151, 0.3596, 0.2876

Triad

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



61.2151, 0.3060, 0.2593



61.2151, 0.4027, 0.4038



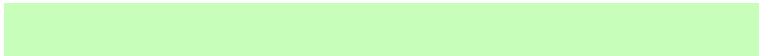
61.2151, 0.2301, 0.3223

Complementary

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



61.2151, 0.3060, 0.2593



87.1978, 0.3170, 0.4055

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.



61.2151, 0.2638, 0.3753



61.2151, 0.3060, 0.2593



61.2151, 0.3634, 0.4239

Square

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



61.2151, 0.3060, 0.2593



61.2151, 0.4179, 0.3672



61.2151, 0.3123, 0.4149



61.2151, 0.2176, 0.2773

Rectangle

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



61.2151, 0.3060, 0.2593



61.2151, 0.3903, 0.3124



61.2151, 0.3123, 0.4149



61.2151, 0.2391, 0.3399

Sweetspot

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



61.2171, 0.3060, 0.2593



86.9490, 0.3111, 0.3092



58.8673, 0.2670, 0.2668



18.1180, 0.3108, 0.3054



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.



61.2171, 0.3060, 0.2593



55.7314, 0.3044, 0.2462



62.3287, 0.3316, 0.2805



18.1180, 0.3108, 0.3054



10.7769, 0.2737, 0.1281



1.0918, 0.2794, 0.1313

Inverse Universe

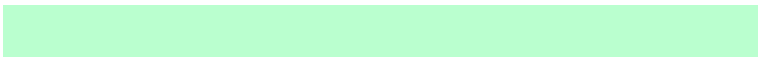
The Inverse Universe completely reimagines the original color for something new.



60.4917, 0.3606, 0.3157



54.9624, 0.3727, 0.3131



86.4469, 0.2979, 0.3831



18.0428, 0.3265, 0.3246



11.2355, 0.6112, 0.3140



1.1081, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 61.2151, 0.3060, 0.2593 looks on a white background.

Color Contrast Check

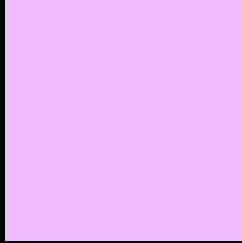
Large Text (above 18pt) WCAG AA × Fail

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 61.2151, 0.3060, 0.2593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

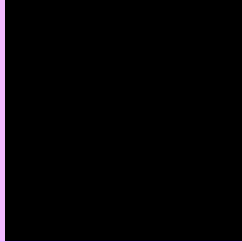
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2151, 0.3060, 0.2593

Background



This preview shows how black text looks on a background with the Yxy color 61.2151, 0.3060, 0.2593.

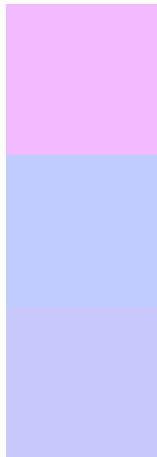


This preview shows how white text looks on a background with the Yxy color 61.2151, 0.3060, 0.2593.

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

61.2151, 0.3060, 0.2593

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3581, 0.2794, 0.2729



Tritanopia

61.3455, 0.3335, 0.3128

Trichromacy



Original Color

61.2151, 0.3060, 0.2593



Protanomaly

61.0014, 0.2835, 0.2666



Deuteranomaly

61.3234, 0.2890, 0.2682



Tritanomaly

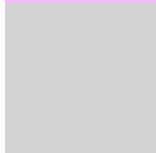
61.3674, 0.3239, 0.2930

Monochromacy



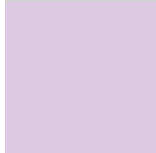
Original Color

61.2151, 0.3060, 0.2593



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.3167, 0.3102, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2151, 0.3060, 0.2593 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(242, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 186, 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(242, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 186, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.2151, 0.3060, 0.2593 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(242, 186, 255) }
```

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

```
.border{ border-color:rgb(242, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 186,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2151, 0.3060, 0.2593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 186, 255) }
```

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

```
.background{ background-color: rgb(242,  
186, 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