

Converting Colors

$Y_{xy}(63.0219, 0.2907, 0.2286)$

Have a look what the booklet for
Yxy(63.0219, 0.2907, 0.2286)
contains.

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Color

Yxy(60.7770, 0.3130, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	FBB5FF
RGB	251, 181, 255
RGB Percent	98%, 71%, 100%
CMY	0.0156, 0.2902, 0.0000
CMYK	0.02, 0.29, 0.00, 0.00
HSL	297°, 100%, 85%
HSV	297°, 29%, 100%
XYZ	74.3675, 60.7770, 102.4513
YIQ	210.3660, 17.9660, 37.8540

Conversions

Conversions Part 2

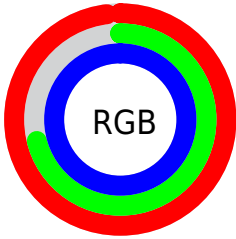
Format	Color
R_{YB}	251, 181, 255
Decimal	16496127
CIE _{Lab}	82.26, 37.21, -26.57
CIE _{LCh}	82, 45.720, 324.468
Yxy	60.7770, 0.3130, 0.2558
Android (android.graphics.Color)	4294686207 (0xFFFBB5FF)
YUV	210.3660, 22.0046, 35.6360
Hunter-Lab	77.9596, 33.8460, -23.3448

Details

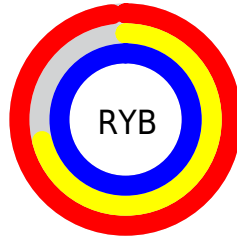
The Yxy color $60.7770, 0.3130, 0.2558$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.1664, 0.3111, 0.4134$, and the grayscale version is $64.5453, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.7253, 0.3127, 0.2400$ is the 20% darker color. If you saturate the color by 10%, you get $51.0858, 0.3128, 0.2311$, and if you desaturate by 10%, it is $72.3681, 0.3131, 0.2813$.

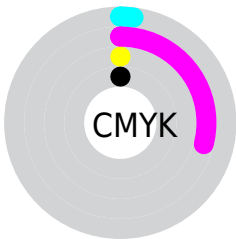
Distribution



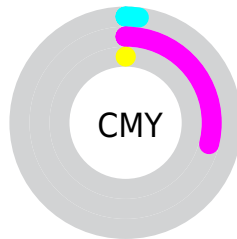
- Red (98%)
- Green (71%)
- Blue (100%)



- Red (98%)
- Yellow (71%)
- Blue (100%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7770, 0.3130, 0.2558 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 60.7770, 0.3130, 0.2558 by changing the saturation by 10% instead.


 60.7770, 0.3130,
0.2558

 60.7770, 0.3130,
0.2558


427.4559, 0.3137,
0.2885

 44.0452, 0.3127,
0.2486


 105.9560, 0.3134,
0.2669

 30.7061, 0.3121,
0.2399


135.1720, 0.3135,
0.2713

 20.3751, 0.3113,
0.2292


169.3182, 0.3136,
0.2751

 12.6680, 0.3100,
0.2155

208.7790, 0.3136,
0.2785

 7.2003, 0.3079,
0.1977

253.9387, 0.3137,
0.2814

 3.5877, 0.3040,
0.1737


305.1819, 0.3137,


 1.4457, 0.2965,

0.2840


0.1402

362.8928, 0.3137,
0.2864


 0.2501, 0.2890,
0.0610


 0.0000, 0.0920,
0.0000


 60.7770, 0.3130,
0.2558


 60.7770, 0.3130,
0.2558

 51.0858, 0.3128,
0.2311


 72.3681, 0.3131,
0.2813

 43.1902, 0.3124,
0.2081

 85.9543, 0.3129,
0.3067

 36.9771, 0.3118,
0.1878

100.0000, 0.3127,
0.3290

 32.3197, 0.3109,
0.1712

■ 29.0738, 0.3099,
0.1589

■ 27.0681, 0.3087,
0.1509

■ 26.0493, 0.3074,
0.1469

■ 25.9717, 0.3072,
0.1466

Harmonies

Analogous

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



60.7770, 0.2588, 0.2388



60.7770, 0.3130, 0.2558



60.7770, 0.3724, 0.2884

Triad

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



60.7770, 0.3130, 0.2558



60.7770, 0.4074, 0.4156



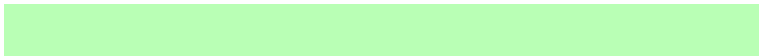
60.7770, 0.2183, 0.3132

Complementary

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



60.7770, 0.3130, 0.2558



85.1664, 0.3111, 0.4134

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.



60.7770, 0.2520, 0.3729



60.7770, 0.3130, 0.2558



60.7770, 0.3609, 0.4355

Square

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



60.7770, 0.3130, 0.2558



60.7770, 0.4292, 0.3762



60.7770, 0.3038, 0.4212



60.7770, 0.2082, 0.2661

Rectangle

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



60.7770, 0.3130, 0.2558



60.7770, 0.4048, 0.3161



60.7770, 0.3038, 0.4212



60.7770, 0.2270, 0.3326

Sweetspot

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



60.7771, 0.3130, 0.2558



85.9881, 0.3129, 0.3068



52.1289, 0.2620, 0.2499



17.9544, 0.3130, 0.3031



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.



60.7771, 0.3130, 0.2558



54.7628, 0.3129, 0.2409



59.6280, 0.3413, 0.2864



18.2477, 0.3129, 0.3055



13.5923, 0.3075, 0.1467



1.3381, 0.3091, 0.1476

Inverse Universe

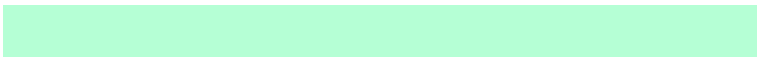
The Inverse Universe completely reimagines the original color for something new.



57.8056, 0.3740, 0.3250



51.3647, 0.3922, 0.3242



86.1499, 0.2917, 0.3761



18.0029, 0.3286, 0.3278



11.1313, 0.6347, 0.3270



1.0891, 0.6220, 0.3200

Previews

White Background



This preview shows how the Yxy color 60.7770, 0.3130, 0.2558 looks on a white background.

Color Contrast Check

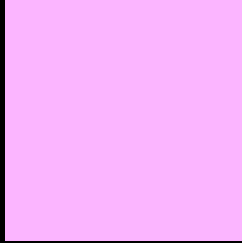
Large Text (above 18pt) WCAG AA × Fail

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 60.7770, 0.3130, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

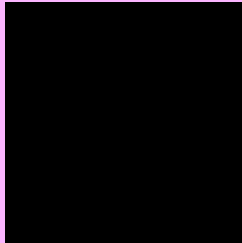
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7770, 0.3130, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 60.7770, 0.3130, 0.2558.

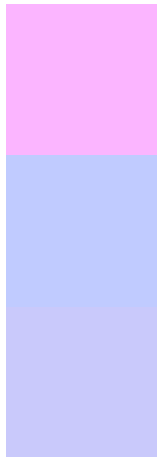


This preview shows how white text looks on a background with the Yxy color 60.7770, 0.3130, 0.2558.

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

60.7770, 0.3130, 0.2558

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.1558, 0.2794, 0.2738



Tritanopia

60.9025, 0.3454, 0.3142

Trichromacy



Original Color

60.7770, 0.3130, 0.2558



Protanomaly

60.3963, 0.2848, 0.2646



Deuteranomaly

60.6719, 0.2910, 0.2672



Tritanomaly

60.6425, 0.3340, 0.2916

Monochromacy



Original Color

60.7770, 0.3130, 0.2558



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.3454, 0.3133, 0.2996

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7770, 0.3130, 0.2558 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(251, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 181, 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(251, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 181, 255) }
```

Border

The CSS property to change the border of an element to Yxy 60.7770, 0.3130, 0.2558 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(251, 181, 255) }
```

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

```
.border{ border-color:rgb(251, 181, 255) }
```

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

Here you see how a box with a 4 pixel rgb(251, 181, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 181,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7770, 0.3130, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 181, 255) }
```

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

```
.background{ background-color: rgb(251,  
181, 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](#).

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