

Converting Colors

Yxy(64.5534, 0.3315, 0.2607)

Have a look what the booklet for
Yxy(64.5534, 0.3315, 0.2607)
contains.

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Color

Yxy(60.9944, 0.3177, 0.2573)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4FD
RGB	255, 180, 253
RGB Percent	100%, 71%, 99%
CMY	0.0000, 0.2942, 0.0078
CMYK	0.00, 0.29, 0.01, 0.00
HSL	302°, 100%, 85%
HSV	302°, 29%, 100%
XYZ	75.3126, 60.9944, 100.7486
YIQ	210.7470, 21.2670, 38.6030

Conversions

Conversions Part 2

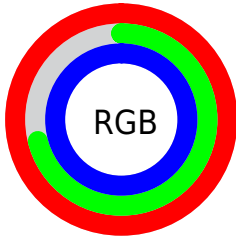
Format	Color
R _Y B	255, 180, 253
Decimal	16758013
CIE _{Lab}	82.38, 38.65, -25.28
CIE _{LCh}	82, 46.178, 326.813
Y _{xy}	60.9944, 0.3177, 0.2573
Android (android.graphics.Color)	4294948093 (0xFFFFB4FD)
Y _{UV}	210.7470, 20.8307, 38.8099
Hunter-Lab	78.0989, 35.4585, -21.8156

Details

The Yxy color **60.9944, 0.3177, 0.2573** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **84.5950, 0.3076, 0.4130**, and the grayscale version is **64.8037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **30.7775, 0.3179, 0.2418** is the 20% darker color. If you saturate the color by 10%, you get **51.5769, 0.3194, 0.2337**, and if you desaturate by 10%, it is **72.2839, 0.3159, 0.2818**.

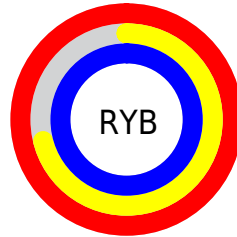
Distribution



Red (100%)

Green (71%)

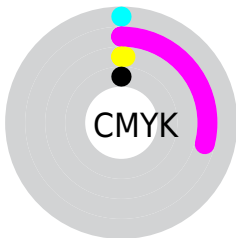
Blue (99%)



Red (100%)

Yellow (71%)

Blue (99%)

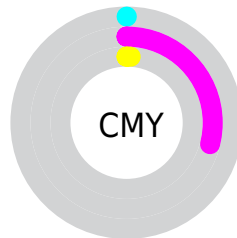


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9944, 0.3177, 0.2573 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 60.9944, 0.3177, 0.2573 by changing the saturation by 10% instead.


 60.9944, 0.3177,
0.2573

 60.9944, 0.3177,
0.2573


428.2535, 0.3162,
0.2893

 44.2206, 0.3179,
0.2503


 106.2708, 0.3173,
0.2682

 30.8440, 0.3180,
0.2417


135.5423, 0.3171,
0.2725

 20.4801, 0.3180,
0.2312


169.7485, 0.3169,
0.2762

 12.7445, 0.3178,
0.2178

209.2737, 0.3168,
0.2795

 7.2528, 0.3171,
0.2003

254.5024, 0.3166,
0.2824

 3.6207, 0.3153,
0.1767


305.8190, 0.3165,


 1.4638, 0.3110,


0.2850

0.1436

363.6079, 0.3163,
0.2873


 0.2630, 0.3094,
0.0654


 0.0000, 0.1427,
0.0000


 60.9944, 0.3177,
0.2573


 60.9944, 0.3177,
0.2573

 51.5769, 0.3194,
0.2337

 72.2839, 0.3159,
0.2818

 43.9603, 0.3212,
0.2120

 85.5741, 0.3142,
0.3064

 38.0194, 0.3229,
0.1932

100.0000, 0.3127,
0.3290

 33.6273, 0.3244,
0.1780

■ 30.6388, 0.3257,
0.1672

■ 28.8811, 0.3268,
0.1607

■ 28.0886, 0.3277,
0.1580

■ 28.0543, 0.3277,
0.1579

Harmonies

Analogous

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



60.9944, 0.2620, 0.2387



60.9944, 0.3177, 0.2573



60.9944, 0.3772, 0.2912

Triad

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



60.9944, 0.3177, 0.2573



60.9944, 0.4053, 0.4187



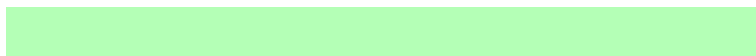
60.9944, 0.2158, 0.3086

Complementary

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



60.9944, 0.3177, 0.2573



84.5950, 0.3076, 0.4130

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.



60.9944, 0.2480, 0.3686



60.9944, 0.3177, 0.2573



60.9944, 0.3569, 0.4368

Square

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



60.9944, 0.3177, 0.2573



60.9944, 0.4296, 0.3799



60.9944, 0.2992, 0.4194



60.9944, 0.2077, 0.2627

Rectangle

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



60.9944, 0.3177, 0.2573



60.9944, 0.4087, 0.3194



60.9944, 0.2992, 0.4194



60.9944, 0.2240, 0.3279

Sweetspot

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



60.9835, 0.3176, 0.2573



86.1824, 0.3141, 0.3074



49.7007, 0.2614, 0.2430



18.0027, 0.3144, 0.3039



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.



60.9835, 0.3176, 0.2573



55.5109, 0.3186, 0.2440



58.8603, 0.3471, 0.2919



18.2916, 0.3142, 0.3062



14.6627, 0.3276, 0.1578



1.4302, 0.3268, 0.1574

Inverse Universe

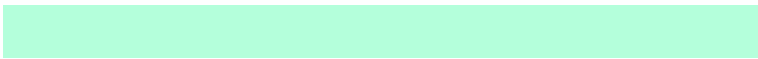
The Inverse Universe completely reimagines the original color for something new.



60.9835, 0.3176, 0.2573



55.5109, 0.3186, 0.2440



86.3202, 0.2882, 0.3695



18.2916, 0.3142, 0.3062



14.6627, 0.3276, 0.1578



1.4302, 0.3268, 0.1574

Previews

White Background



This preview shows how the Yxy color 60.9944, 0.3177, 0.2573 looks on a white background.

Color Contrast Check

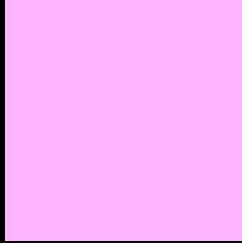
Large Text (above 18pt) WCAG AA × Fail

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 60.9944, 0.3177, 0.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

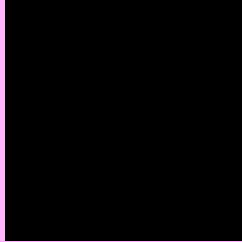
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9944, 0.3177, 0.2573

Background



This preview shows how black text looks on a background with the Yxy color 60.9944, 0.3177, 0.2573.

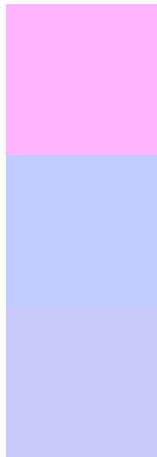


This preview shows how white text looks on a background with the Yxy color 60.9944, 0.3177, 0.2573.

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

60.9944, 0.3177, 0.2573

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.3094, 0.2819, 0.2761



Tritanopia

60.7113, 0.3499, 0.3133

Trichromacy



Original Color

60.9944, 0.3177, 0.2573



Protanomaly

60.6330, 0.2869, 0.2658



Deuteranomaly

60.5717, 0.2945, 0.2684



Tritanomaly

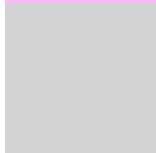
60.9010, 0.3381, 0.2920

Monochromacy



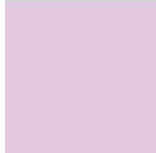
Original Color

60.9944, 0.3177, 0.2573



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.1304, 0.3148, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9944, 0.3177, 0.2573 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(255, 180, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 253)  
}
```

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(255, 180, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 253) }
```

Border

The CSS property to change the border of an element to Yxy 60.9944, 0.3177, 0.2573 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(255, 180, 253) }
```

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

```
.border{ border-color:rgb(255, 180, 253) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9944, 0.3177, 0.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 253) }
```

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

```
.background{ background-color: rgb(255,  
180, 253) }
```

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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