

Converting Colors

Yxy(56.8705, 0.3137, 0.2460)

Have a look what the booklet for
Yxy(56.8705, 0.3137, 0.2460)
contains.

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Color

Yxy(56.8550, 0.3134, 0.2461)

Conversions

Conversions Part 1

Format	Color
Hex	FBABFF
RGB	251, 171, 255
RGB Percent	98%, 67%, 100%
CMY	0.0156, 0.3294, 0.0000
CMYK	0.02, 0.33, 0.00, 0.00
HSL	297°, 100%, 84%
HSV	297°, 33%, 100%
XYZ	72.4029, 56.8550, 101.7661
YIQ	204.4960, 20.7160, 43.0840

Conversions

Conversions Part 2

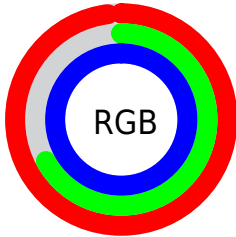
Format	Color
R _Y B	251, 171, 255
Decimal	16493567
CIE Lab	80.10, 42.43, -29.86
CIE LCh	80, 51.880, 324.864
Yxy	56.8550, 0.3134, 0.2461
Android (android.graphics.Color)	4294683647 (0xFFFBABFF)
YUV	204.4960, 24.8985, 40.7840
Hunter-Lab	75.4023, 39.4457, -27.2387

Details

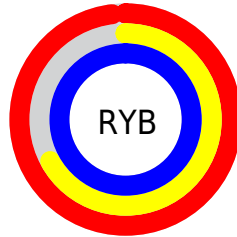
The Yxy color **56.8550, 0.3134, 0.2461** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.5703, 0.3104, 0.4268**, and the grayscale version is **60.5450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **28.1373, 0.3121, 0.2278** is the 20% darker color. If you saturate the color by 10%, you get **47.9126, 0.3133, 0.2220**, and if you desaturate by 10%, it is **67.6617, 0.3133, 0.2714**.

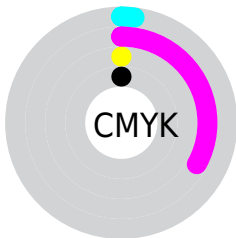
Distribution



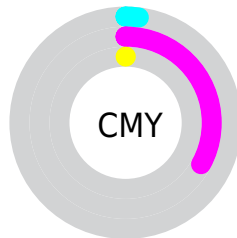
- Red (98%)
- Green (67%)
- Blue (100%)



- Red (98%)
- Yellow (67%)
- Blue (100%)



- Cyan (2%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8550, 0.3134, 0.2461 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 56.8550, 0.3134, 0.2461 by changing the saturation by 10% instead.


 56.8550, 0.3134,
0.2461

 56.8550, 0.3134,
0.2461


412.9058, 0.3142,
0.2832

 40.8888, 0.3130,
0.2380


 100.2536, 0.3139,
0.2587

 28.2322, 0.3123,
0.2281


128.4548, 0.3140,
0.2637

 18.5008, 0.3113,
0.2160


161.5031, 0.3141,
0.2680

 11.3101, 0.3097,
0.2006

199.7830, 0.3141,
0.2718

 6.2758, 0.3070,
0.1807

243.6788, 0.3141,
0.2751

 3.0135, 0.3020,
0.1542


293.5750, 0.3142,

 1.1388, 0.2922,

0.2781


0.1177


349.8558, 0.3142,
0.2808


 0.0108, 0.2891,
0.0029

 0.0000, 0.0000,
0.0000


 56.8550, 0.3134,
0.2461


 56.8550, 0.3134,
0.2461


 47.9126, 0.3133,
0.2220

 67.6617, 0.3133,
0.2714

 40.7200, 0.3130,
0.2001

 80.4242, 0.3131,
0.2969

 35.1615, 0.3124,
0.1813

 95.2366, 0.3128,
0.3218

 31.1044, 0.3117,
0.1664

100.0000, 0.3127,
0.3290

■ 28.3951, 0.3108,
0.1559

■ 26.8473, 0.3097,
0.1498

■ 26.2632, 0.3089,
0.1475

Harmonies

Analogous

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



56.8550, 0.2512, 0.2265



56.8550, 0.3134, 0.2461



56.8550, 0.3825, 0.2829

Triad

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



56.8550, 0.3134, 0.2461



56.8550, 0.4204, 0.4278



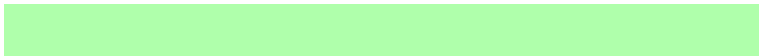
56.8550, 0.2043, 0.3087

Complementary

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



56.8550, 0.3134, 0.2461



83.5703, 0.3104, 0.4268

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.



56.8550, 0.2417, 0.3792



56.8550, 0.3134, 0.2461



56.8550, 0.3660, 0.4530

Square

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



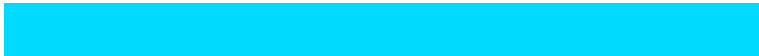
56.8550, 0.3134, 0.2461



56.8550, 0.4471, 0.3818



56.8550, 0.3005, 0.4372



56.8550, 0.1939, 0.2553

Rectangle

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



56.8550, 0.3134, 0.2461



56.8550, 0.4203, 0.3139



56.8550, 0.3005, 0.4372



56.8550, 0.2138, 0.3313

Sweetspot

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



56.8574, 0.3134, 0.2461



84.5676, 0.3131, 0.3043



46.6128, 0.2539, 0.2357



17.6728, 0.3131, 0.3007



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.



56.8574, 0.3134, 0.2461



50.3586, 0.3133, 0.2289



55.4035, 0.3476, 0.2818



18.2540, 0.3130, 0.3055



13.7422, 0.3091, 0.1476



1.3510, 0.3105, 0.1484

Inverse Universe

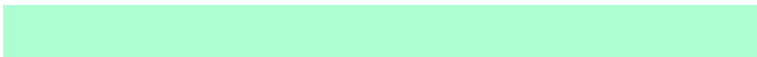
The Inverse Universe completely reimagines the original color for something new.



53.4774, 0.3862, 0.3250



46.5051, 0.4098, 0.3242



84.7706, 0.2885, 0.3819



18.0010, 0.3287, 0.3279



11.1286, 0.6353, 0.3273



1.0882, 0.6241, 0.3212

Previews

White Background



This preview shows how the Yxy color 56.8550, 0.3134, 0.2461 looks on a white background.

Color Contrast Check

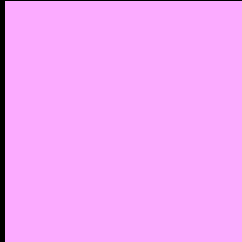
Large Text (above 18pt) WCAG AA × Fail

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 56.8550, 0.3134, 0.2461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

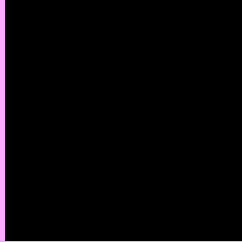
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8550, 0.3134, 0.2461

Background



This preview shows how black text looks on a background with the Yxy color 56.8550, 0.3134, 0.2461.

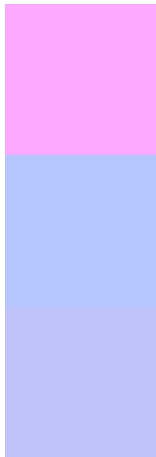


This preview shows how white text looks on a background with the Yxy color 56.8550, 0.3134, 0.2461.

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

56.8550, 0.3134, 0.2461

Protanopia

57.2198, 0.2647, 0.2632

Deuteranopia

57.1388, 0.2734, 0.2670



Tritanopia

56.9529, 0.3527, 0.3140

Trichromacy



Original Color

56.8550, 0.3134, 0.2461



Protanomaly

56.5963, 0.2809, 0.2562



Deuteranomaly

56.2922, 0.2863, 0.2576



Tritanomaly

56.8950, 0.3382, 0.2881

Monochromacy



Original Color

56.8550, 0.3134, 0.2461



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.3991, 0.3127, 0.2946

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8550, 0.3134, 0.2461 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, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 171, 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, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 171, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.8550, 0.3134, 0.2461 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, 171, 255) }
```

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

```
.border{ border-color:rgb(251, 171, 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, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 171,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8550, 0.3134, 0.2461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 171, 255) }
```

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

```
.background{ background-color: rgb(251,  
171, 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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