

Converting Colors

Yxy(56.3483, 0.3134, 0.2448)

Have a look what the booklet for
Yxy(56.3483, 0.3134, 0.2448)
contains.

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Color

Yxy(56.4787, 0.3134, 0.2451)

Conversions

Conversions Part 1

Format	Color
Hex	FBAAFF
RGB	251, 170, 255
RGB Percent	98%, 67%, 100%
CMY	0.0156, 0.3334, 0.0000
CMYK	0.02, 0.33, 0.00, 0.00
HSL	297°, 100%, 83%
HSV	297°, 33%, 100%
XYZ	72.2172, 56.4787, 101.7354
YIQ	203.9090, 20.9910, 43.6070

Conversions

Conversions Part 2

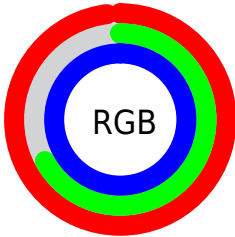
Format	Color
R_{YB}	251, 170, 255
Decimal	16493311
CIE _{Lab}	79.89, 42.95, -30.20
CIE _{LCh}	80, 52.509, 324.884
Yxy	56.4787, 0.3134, 0.2451
Android (android.graphics.Color)	4294683391 (0xFFFBAAFF)
YUV	203.9090, 25.1879, 41.2988
Hunter-Lab	75.1523, 40.0119, -27.6556

Details

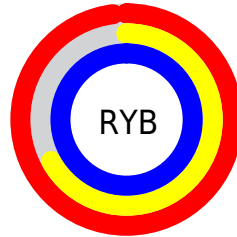
The Yxy color **56.4787, 0.3134, 0.2451** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.4179, 0.3104, 0.4282**, and the grayscale version is **60.1504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **27.9055, 0.3121, 0.2266** is the 20% darker color. If you saturate the color by 10%, you get **47.6068, 0.3133, 0.2211**, and if you desaturate by 10%, it is **67.2059, 0.3134, 0.2704**.

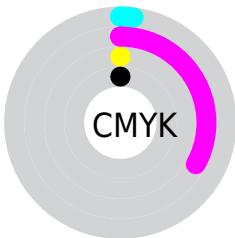
Distribution



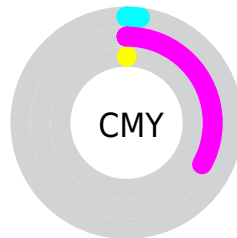
- Red (98%)
- Green (67%)
- Blue (100%)



- 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 56.4787, 0.3134, 0.2451 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 56.4787, 0.3134, 0.2451 by changing the saturation by 10% instead.

 56.4787, 0.3134,
0.2451

 56.4787, 0.3134,
0.2451


411.4930, 0.3142,
0.2826

 40.5869, 0.3130,
0.2369


 99.7041, 0.3139,
0.2578

 27.9964, 0.3123,
0.2269


127.8065, 0.3140,
0.2629

 18.3229, 0.3113,
0.2146


160.7479, 0.3141,
0.2672

 11.1821, 0.3096,
0.1991

198.9126, 0.3141,
0.2711

 6.1895, 0.3068,
0.1790

242.6851, 0.3142,
0.2745

 2.9606, 0.3017,
0.1522

292.4497, 0.3142,

 1.1112, 0.2916,

0.2775

0.1155

348.5909, 0.3142,
0.2802

0.0000, 0.2880,
0.0000

0.0000, 0.0000,
0.0000

56.4787, 0.3134,
0.2451

56.4787, 0.3134,
0.2451

47.6068, 0.3133,
0.2211

67.2059, 0.3134,
0.2704

40.4828, 0.3130,
0.1993

79.8876, 0.3132,
0.2959

34.9879, 0.3125,
0.1807

94.6157, 0.3128,
0.3209

30.9887, 0.3117,
0.1660

100.0000, 0.3127,
0.3290

■ 28.3308, 0.3108,
0.1557

■ 26.8261, 0.3098,
0.1497

■ 26.2834, 0.3090,
0.1476

Harmonies

Analogous

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



56.4787, 0.2504, 0.2253



56.4787, 0.3134, 0.2451



56.4787, 0.3836, 0.2823

Triad

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



56.4787, 0.3134, 0.2451



56.4787, 0.4218, 0.4290



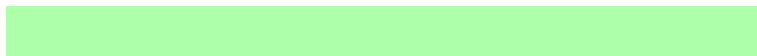
56.4787, 0.2029, 0.3082

Complementary

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



56.4787, 0.3134, 0.2451



83.4179, 0.3104, 0.4282

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.



56.4787, 0.2406, 0.3799



56.4787, 0.3134, 0.2451



56.4787, 0.3666, 0.4548

Square

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



56.4787, 0.3134, 0.2451



56.4787, 0.4489, 0.3823



56.4787, 0.3002, 0.4389



56.4787, 0.1924, 0.2542

Rectangle

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



56.4787, 0.3134, 0.2451



56.4787, 0.4219, 0.3136



56.4787, 0.3002, 0.4389



56.4787, 0.2125, 0.3312

Sweetspot

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



56.4786, 0.3134, 0.2451



84.5698, 0.3131, 0.3043



46.1310, 0.2531, 0.2344



17.6733, 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.



56.4786, 0.3134, 0.2451



50.3671, 0.3134, 0.2289



55.0030, 0.3482, 0.2812



18.2544, 0.3131, 0.3055



13.7526, 0.3092, 0.1477



1.3519, 0.3106, 0.1485

Inverse Universe

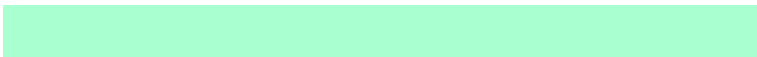
The Inverse Universe completely reimagines the original color for something new.



53.0615, 0.3874, 0.3250



46.5035, 0.4099, 0.3243



84.6313, 0.2882, 0.3826



18.0009, 0.3287, 0.3279



11.1285, 0.6354, 0.3274



1.0882, 0.6243, 0.3213

Previews

White Background



This preview shows how the Yxy color 56.4787, 0.3134, 0.2451 looks on a white background.

Color Contrast Check

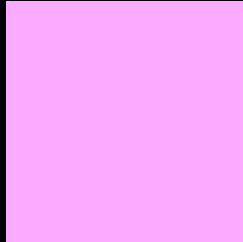
Large Text (above 18pt) WCAG AA × Fail

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 56.4787, 0.3134, 0.2451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

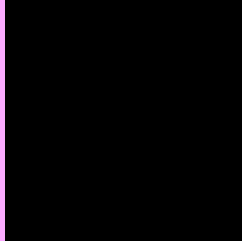
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4787, 0.3134, 0.2451

Background



This preview shows how black text looks on a background with the Yxy color 56.4787, 0.3134, 0.2451.



This preview shows how white text looks on a background with the Yxy color 56.4787, 0.3134, 0.2451.

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

56.4787, 0.3134, 0.2451

Protanopia

56.6449, 0.2639, 0.2619

Deuteranopia

57.0087, 0.2727, 0.2668



Tritanopia

56.4961, 0.3538, 0.3140

Trichromacy



Original Color

56.4787, 0.3134, 0.2451



Protanomaly

56.0260, 0.2801, 0.2549



Deuteranomaly

56.2922, 0.2863, 0.2576



Tritanomaly

56.4434, 0.3392, 0.2881

Monochromacy



Original Color

56.4787, 0.3134, 0.2451



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 56.4787, 0.3134, 0.2451 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, 170, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 170, 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, 170, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 170, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.4787, 0.3134, 0.2451 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, 170, 255) }
```

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

```
.border{ border-color:rgb(251, 170, 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, 170, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 170, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 170, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 170,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4787, 0.3134, 0.2451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 170, 255) }
```

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

```
.background{ background-color: rgb(251,  
170, 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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