

Converting Colors

$Yxy(60.9609, 0.2682, 0.1963)$

Have a look what the booklet for
Yxy(60.9609, 0.2682, 0.1963)
contains.

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Color

Yxy(56.1200, 0.3102, 0.2453)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7ABFF |
| RGB | 247, 171, 255 |
| RGB Percent | 97%, 67%, 100% |
| CMY | 0.0314, 0.3294, 0.0000 |
| CMYK | 0.03, 0.33, 0.00, 0.00 |
| HSL | 294°, 100%, 84% |
| HSV | 294°, 33%, 100% |
| XYZ | 70.9679, 56.1200, 101.6932 |
| YIQ | 203.3000, 18.3320, 42.2360 |

Conversions

Conversions Part 2

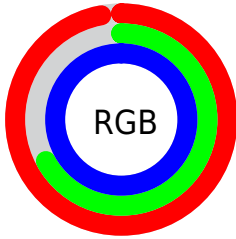
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 247, 171, 255 |
| Decimal | 16231423 |
| CIE Lab | 79.68, 41.18, -30.53 |
| CIE LCh | 80, 51.264, 323.451 |
| Yxy | 56.1200, 0.3102, 0.2453 |
| Android (android.graphics.Color) | 4294421503 (0xFFF7ABFF) |
| YUV | 203.3000, 25.4881, 38.3249 |
| Hunter-Lab | 74.9133, 38.0009, -28.0456 |

Details

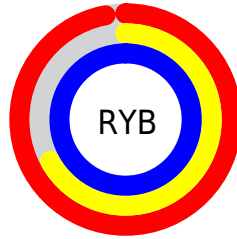
The Yxy color **56.1200, 0.3102, 0.2453** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.0412, 0.3128, 0.4261**, and the grayscale version is **59.7490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **27.6186, 0.3079, 0.2265** is the 20% darker color. If you saturate the color by 10%, you get **46.9614, 0.3088, 0.2206**, and if you desaturate by 10%, it is **67.1473, 0.3113, 0.2710**.

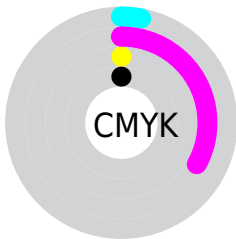
Distribution



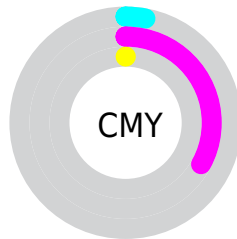
- Red (97%)
- Green (67%)
- Blue (100%)



- Red (97%)
- Yellow (67%)
- Blue (100%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1200, 0.3102, 0.2453 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 56.1200, 0.3102, 0.2453 by changing the saturation by 10% instead.


 56.1200, 0.3102,
0.2453

 56.1200, 0.3102,
0.2453


410.1436, 0.3125,
0.2828

 40.2991, 0.3094,
0.2371

 99.1800, 0.3112,
0.2581

 27.7719, 0.3083,
0.2271


127.1879, 0.3115,
0.2631

 18.1538, 0.3068,
0.2147


160.0270, 0.3118,
0.2675

 11.0604, 0.3044,
0.1992

198.0817, 0.3120,
0.2713

 6.1075, 0.3006,
0.1789

241.7363, 0.3122,
0.2747

 2.9106, 0.2942,
0.1519

291.3752, 0.3123,

 1.0852, 0.2820,

0.2777

0.1149

347.3828, 0.3124,
0.2804

0.0000, 0.2738,
0.0000

0.0000, 0.0000,
0.0000

56.1200, 0.3102,
0.2453

56.1200, 0.3102,
0.2453

46.9614, 0.3088,
0.2206

67.1473, 0.3113,
0.2710

39.5569, 0.3072,
0.1978

80.1346, 0.3121,
0.2968

33.7908, 0.3052,
0.1780

95.1761, 0.3126,
0.3218

29.5302, 0.3031,
0.1621

99.9996, 0.3127,
0.3290

■ 26.6219, 0.3007,
0.1507

■ 24.8794, 0.2983,
0.1436

■ 24.1599, 0.2966,
0.1407

Harmonies

Analogous

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



56.1200, 0.2492, 0.2268



56.1200, 0.3102, 0.2453



56.1200, 0.3790, 0.2812

Triad

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



56.1200, 0.3102, 0.2453



56.1200, 0.4217, 0.4253



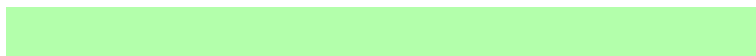
56.1200, 0.2062, 0.3119

Complementary

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



56.1200, 0.3102, 0.2453



84.0412, 0.3128, 0.4261

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.



56.1200, 0.2446, 0.3821



56.1200, 0.3102, 0.2453



56.1200, 0.3687, 0.4516

Square

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



56.1200, 0.3102, 0.2453



56.1200, 0.4465, 0.3791



56.1200, 0.3037, 0.4381



56.1200, 0.1945, 0.2578

Rectangle

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



56.1200, 0.3102, 0.2453



56.1200, 0.4173, 0.3117



56.1200, 0.3037, 0.4381



56.1200, 0.2161, 0.3347

Sweetspot

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



56.1224, 0.3102, 0.2453



84.3380, 0.3122, 0.3042



48.2828, 0.2545, 0.2407



17.6168, 0.3122, 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.



56.1224, 0.3102, 0.2453



49.4663, 0.3093, 0.2277



55.6302, 0.3440, 0.2777



18.2073, 0.3123, 0.3055



12.6609, 0.2970, 0.1410



1.2573, 0.2999, 0.1426

Inverse Universe

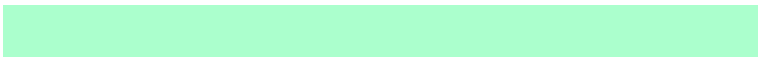
The Inverse Universe completely reimagines the original color for something new.



53.6434, 0.3824, 0.3208



46.6766, 0.4048, 0.3191



84.5635, 0.2906, 0.3869



18.0152, 0.3279, 0.3268



11.1532, 0.6295, 0.3242



1.0949, 0.6090, 0.3129

Previews

White Background



This preview shows how the Yxy color 56.1200, 0.3102, 0.2453 looks on a white background.

Color Contrast Check

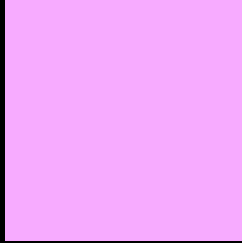
Large Text (above 18pt) WCAG AA × Fail

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 56.1200, 0.3102, 0.2453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

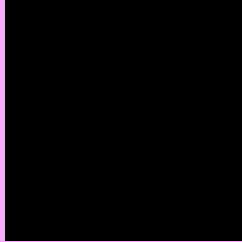
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1200, 0.3102, 0.2453

Background



This preview shows how black text looks on a background with the Yxy color 56.1200, 0.3102, 0.2453.



This preview shows how white text looks on a background with the Yxy color 56.1200, 0.3102, 0.2453.

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

56.1200, 0.3102, 0.2453

Protanopia

56.5236, 0.2633, 0.2618

Deuteranopia

56.3674, 0.2706, 0.2644



Tritanopia

56.2489, 0.3493, 0.3138

Trichromacy



Original Color

56.1200, 0.3102, 0.2453



Protanomaly

55.7398, 0.2787, 0.2546



Deuteranomaly

55.8477, 0.2841, 0.2572



Tritanomaly

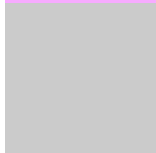
56.1794, 0.3348, 0.2877

Monochromacy



Original Color

56.1200, 0.3102, 0.2453



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.5956, 0.3120, 0.2944

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1200, 0.3102, 0.2453 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(247, 171, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 171, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 171, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.1200, 0.3102, 0.2453 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(247, 171, 255) }
```

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

```
.border{ border-color:rgb(247, 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(247, 171, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 171, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 171, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 171,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1200, 0.3102, 0.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 171, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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