

Converting Colors

Yxy(56.6261, 0.3097, 0.2390)

Have a look what the booklet for
Yxy(56.6261, 0.3097, 0.2390)
contains.

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Color

Yxy(56.2914, 0.3143, 0.2444)

Conversions

Conversions Part 1

Format	Color
Hex	FCA9FF
RGB	252, 169, 255
RGB Percent	99%, 66%, 100%
CMY	0.0116, 0.3373, 0.0001
CMYK	0.01, 0.34, 0.00, 0.00
HSL	298°, 100%, 83%
HSV	298°, 34%, 100%
XYZ	72.3911, 56.2914, 101.6424
YIQ	203.6210, 21.8620, 44.3420

Conversions

Conversions Part 2

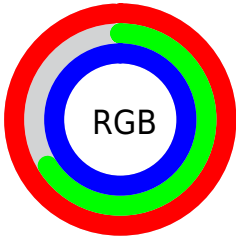
Format	Color
R _Y B	252, 169, 255
Decimal	16558591
CIE Lab	79.78, 43.78, -30.33
CIE LCh	80, 53.254, 325.285
Yxy	56.2914, 0.3143, 0.2444
Android (android.graphics.Color)	4294748671 (0xFFFC99FF)
YUV	203.6210, 25.3298, 42.4284
Hunter-Lab	75.0276, 40.9292, -27.8028

Details

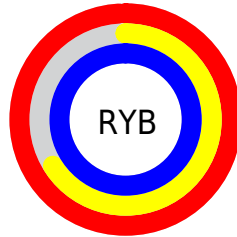
The Yxy color **56.2914, 0.3143, 0.2444** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.1361, 0.3097, 0.4297**, and the grayscale version is **59.9608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **27.8080, 0.3132, 0.2258** is the 20% darker color. If you saturate the color by 10%, you get **47.5521, 0.3145, 0.2206**, and if you desaturate by 10%, it is **66.8861, 0.3139, 0.2695**.

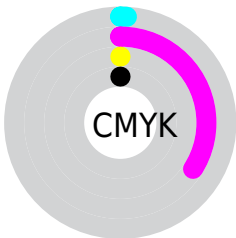
Distribution



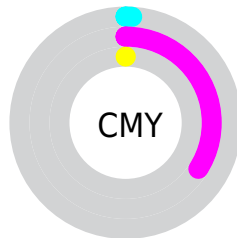
- Red (99%)
- Green (66%)
- Blue (100%)



- Red (99%)
- Yellow (66%)
- Blue (100%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2914, 0.3143, 0.2444 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 56.2914, 0.3143, 0.2444 by changing the saturation by 10% instead.


 56.2914, 0.3143,
0.2444

 56.2914, 0.3143,
0.2444

410.7887, 0.3147,
0.2822

 40.4366, 0.3140,
0.2361


 99.4305, 0.3146,
0.2572

 27.8791, 0.3134,
0.2261


127.4836, 0.3147,
0.2623

 18.2346, 0.3125,
0.2137


160.3716, 0.3148,
0.2667

 11.1185, 0.3110,
0.1981

198.4789, 0.3148,
0.2706

 6.1466, 0.3084,
0.1779

242.1898, 0.3148,
0.2740

 2.9344, 0.3036,
0.1509

291.8889, 0.3147,

 1.0976, 0.2939,

0.2770

0.1142

347.9604, 0.3147,
0.2798

0.0000, 0.2907,
0.0000

0.0000, 0.0000,
0.0000

56.2914, 0.3143,
0.2444

56.2914, 0.3143,
0.2444

47.5521, 0.3145,
0.2206

66.8861, 0.3139,
0.2695

40.5528, 0.3145,
0.1991

79.4282, 0.3135,
0.2949

35.1769, 0.3144,
0.1809

94.0121, 0.3129,
0.3199

31.2902, 0.3140,
0.1666

99.9989, 0.3127,
0.3290

■ 28.7374, 0.3134,
0.1568

■ 27.3286, 0.3127,
0.1512

■ 26.8588, 0.3122,
0.1494

Harmonies

Analogous

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



56.2914, 0.2502, 0.2241



56.2914, 0.3143, 0.2444



56.2914, 0.3855, 0.2822

Triad

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



56.2914, 0.3143, 0.2444



56.2914, 0.4226, 0.4308



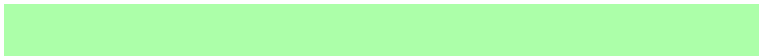
56.2914, 0.2011, 0.3069

Complementary

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



56.2914, 0.3143, 0.2444



83.1361, 0.3097, 0.4297

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.



56.2914, 0.2388, 0.3797



56.2914, 0.3143, 0.2444



56.2914, 0.3663, 0.4568

Square

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



56.2914, 0.3143, 0.2444



56.2914, 0.4508, 0.3835



56.2914, 0.2990, 0.4403



56.2914, 0.1909, 0.2525

Rectangle

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



56.2914, 0.3143, 0.2444



56.2914, 0.4242, 0.3139



56.2914, 0.2990, 0.4403



56.2914, 0.2106, 0.3302

Sweetspot

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



56.2939, 0.3143, 0.2444



84.6307, 0.3133, 0.3043



45.6507, 0.2523, 0.2331



17.6881, 0.3134, 0.3008



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.



56.2939, 0.3143, 0.2444



50.6067, 0.3144, 0.2293



54.6013, 0.3487, 0.2806



18.2668, 0.3133, 0.3056



14.0505, 0.3124, 0.1494



1.3776, 0.3134, 0.1500

Inverse Universe

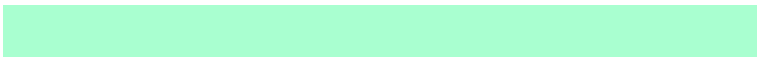
The Inverse Universe completely reimagines the original color for something new.



52.6045, 0.3897, 0.3261



46.4594, 0.4112, 0.3256



84.4815, 0.2880, 0.3834



17.9971, 0.3289, 0.3282



11.1231, 0.6366, 0.3281



1.0864, 0.6284, 0.3236

Previews

White Background



This preview shows how the Yxy color 56.2914, 0.3143, 0.2444 looks on a white background.

Color Contrast Check

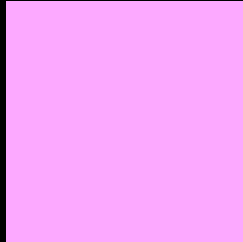
Large Text (above 18pt) WCAG AA × Fail

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 56.2914, 0.3143, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

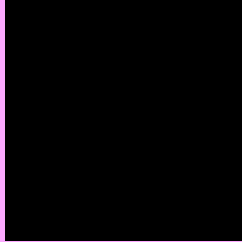
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2914, 0.3143, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 56.2914, 0.3143, 0.2444.

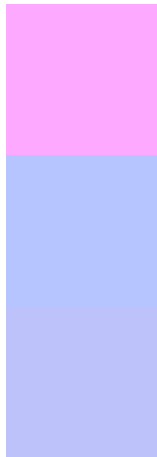


This preview shows how white text looks on a background with the Yxy color 56.2914, 0.3143, 0.2444.

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

56.2914, 0.3143, 0.2444

Protanopia

56.6449, 0.2639, 0.2619

Deuteranopia

56.4329, 0.2719, 0.2656



Tritanopia

56.2210, 0.3557, 0.3140

Trichromacy



Original Color

56.2914, 0.3143, 0.2444



Protanomaly

55.6032, 0.2800, 0.2538



Deuteranomaly

55.8723, 0.2863, 0.2565



Tritanomaly

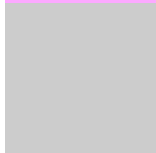
56.2282, 0.3401, 0.2871

Monochromacy



Original Color

56.2914, 0.3143, 0.2444



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

57.9615, 0.3128, 0.2935

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2914, 0.3143, 0.2444 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(252, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 169, 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(252, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 169, 255) }
```

Border

The CSS property to change the border of an element to Yxy 56.2914, 0.3143, 0.2444 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(252, 169, 255) }
```

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

```
.border{ border-color:rgb(252, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 169,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2914, 0.3143, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 169, 255) }
```

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

```
.background{ background-color: rgb(252,  
169, 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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