

Converting Colors

Yxy(56.6797, 0.3171, 0.2452)

Have a look what the booklet for
Yxy(56.6797, 0.3171, 0.2452)
contains.

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Color

Yxy(56.7917, 0.3174, 0.2459)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9FE
RGB	255, 169, 254
RGB Percent	100%, 66%, 100%
CMY	0.0002, 0.3371, 0.0039
CMYK	0.00, 0.34, 0.00, 0.00
HSL	301°, 100%, 83%
HSV	301°, 34%, 100%
XYZ	73.3049, 56.7917, 100.8578
YIQ	204.4040, 23.9710, 44.6670

Conversions

Conversions Part 2

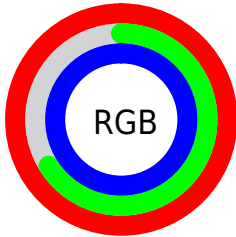
Format	Color
R _Y B	255, 169, 254
Decimal	16755198
CIE Lab	80.06, 44.47, -29.34
CIE LCh	80, 53.274, 326.588
Yxy	56.7917, 0.3174, 0.2459
Android (android.graphics.Color)	4294945278 (0xFFFFA9FE)
YUV	204.4040, 24.4508, 44.3727
Hunter-Lab	75.3603, 41.7512, -26.5981

Details

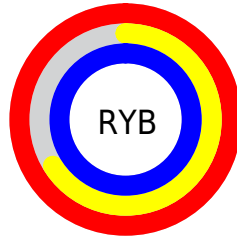
The Yxy color **56.7917, 0.3174, 0.2459** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.8346, 0.3075, 0.4290**, and the grayscale version is **60.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3304, 0.3141, 0.2999**, and **28.1630, 0.3175, 0.2279** is the 20% darker color. If you saturate the color by 10%, you get **48.1945, 0.3188, 0.2228**, and if you desaturate by 10%, it is **67.2435, 0.3160, 0.2704**.

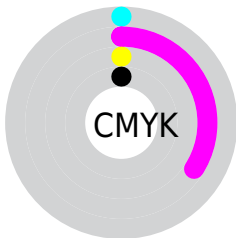
Distribution



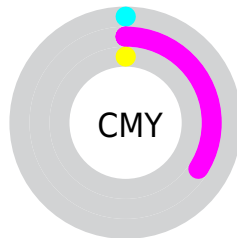
- Red (100%)
- Green (66%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7917, 0.3174, 0.2459 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 56.7917, 0.3174, 0.2459 by changing the saturation by 10% instead.


 56.7917, 0.3174,
0.2459

 56.7917, 0.3174,
0.2459


412.6683, 0.3163,
0.2830

 40.8380, 0.3174,
0.2378


 100.1612, 0.3172,
0.2585

 28.1925, 0.3173,
0.2279


128.3458, 0.3171,
0.2635

 18.4709, 0.3170,
0.2158


161.3762, 0.3169,
0.2678

 11.2886, 0.3162,
0.2004

199.6367, 0.3168,
0.2716

 6.2613, 0.3147,
0.1805

243.5118, 0.3167,
0.2750

 3.0046, 0.3114,
0.1540


293.3858, 0.3165,


 1.1341, 0.3041,


0.2779


0.1176


349.6432, 0.3164,
0.2806


 0.0069, 0.3063,
0.0019


 0.0000, 0.0447,
0.0000


 56.7917, 0.3174,
0.2459


 56.7917, 0.3174,
0.2459


 48.1945, 0.3188,
0.2228

 67.2435, 0.3160,
0.2704

 41.3365, 0.3201,
0.2020

 79.6416, 0.3146,
0.2954

 36.1010, 0.3212,
0.1845

 94.0806, 0.3132,
0.3201

 32.3540, 0.3222,
0.1711

99.9924, 0.3127,
0.3290

■ 29.9403, 0.3230,
0.1620

■ 28.6701, 0.3235,
0.1571

■ 28.2865, 0.3238,
0.1557

Harmonies

Analogous

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



56.7917, 0.2527, 0.2248



56.7917, 0.3174, 0.2459



56.7917, 0.3882, 0.2842

Triad

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



56.7917, 0.3174, 0.2459



56.7917, 0.4204, 0.4323



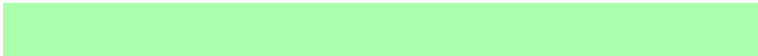
56.7917, 0.2003, 0.3041

Complementary

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



56.7917, 0.3174, 0.2459



82.8346, 0.3075, 0.4290

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.



56.7917, 0.2369, 0.3764



56.7917, 0.3174, 0.2459



56.7917, 0.3634, 0.4568

Square

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



56.7917, 0.3174, 0.2459



56.7917, 0.4501, 0.3856



56.7917, 0.2961, 0.4381



56.7917, 0.1913, 0.2510

Rectangle

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



56.7917, 0.3174, 0.2459



56.7917, 0.4260, 0.3162



56.7917, 0.2961, 0.4381



56.7917, 0.2095, 0.3271

Sweetspot

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



56.7942, 0.3174, 0.2459



84.7773, 0.3141, 0.3046



44.0421, 0.2516, 0.2280



17.7239, 0.3142, 0.3011



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.



56.7942, 0.3174, 0.2459



51.1888, 0.3183, 0.2311



54.3920, 0.3525, 0.2849



18.2967, 0.3140, 0.3058



14.7872, 0.3237, 0.1557



1.4409, 0.3234, 0.1555

Inverse Universe

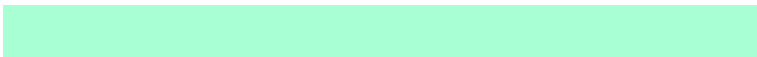
The Inverse Universe completely reimagines the original color for something new.



56.7942, 0.3174, 0.2459



51.1888, 0.3183, 0.2311



84.6856, 0.2858, 0.3782



18.2967, 0.3140, 0.3058



14.7872, 0.3237, 0.1557



1.4409, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 56.7917, 0.3174, 0.2459 looks on a white background.

Color Contrast Check

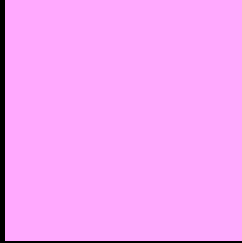
Large Text (above 18pt) WCAG AA × Fail

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 56.7917, 0.3174, 0.2459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

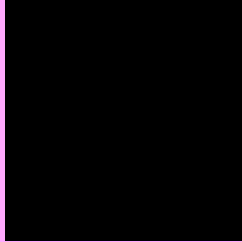
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7917, 0.3174, 0.2459

Background



This preview shows how black text looks on a background with the Yxy color 56.7917, 0.3174, 0.2459.



This preview shows how white text looks on a background with the Yxy color 56.7917, 0.3174, 0.2459.

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

56.7917, 0.3174, 0.2459

Protanopia

57.2198, 0.2647, 0.2632

Deuteranopia

57.0762, 0.2740, 0.2680



Tritanopia

56.7620, 0.3583, 0.3142

Trichromacy



Original Color

56.7917, 0.3174, 0.2459



Protanomaly

56.3160, 0.2815, 0.2552



Deuteranomaly

56.5299, 0.2885, 0.2589



Tritanomaly

56.7261, 0.3435, 0.2885

Monochromacy



Original Color

56.7917, 0.3174, 0.2459



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.2235, 0.3151, 0.2947

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7917, 0.3174, 0.2459 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, 169, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 254)  
}
```

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, 169, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 254) }
```

Border

The CSS property to change the border of an element to Yxy 56.7917, 0.3174, 0.2459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

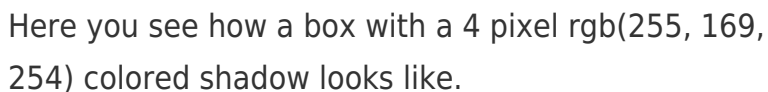
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 169, 254) }
```

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

```
.border{ border-color:rgb(255, 169, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 169, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 254); box-shadow:4px 4px 4px 4px rgb(255, 169, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7917, 0.3174, 0.2459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 254) }
```

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

```
.background{ background-color: rgb(255,  
169, 254) }
```

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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