

Converting Colors

Yxy(57.1542, 0.3176, 0.2470)

Have a look what the booklet for
Yxy(57.1542, 0.3176, 0.2470)
contains.

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Color

Yxy(57.1652, 0.3174, 0.2468)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAFE
RGB	255, 170, 254
RGB Percent	100%, 67%, 100%
CMY	0.0000, 0.3334, 0.0038
CMYK	0.00, 0.33, 0.00, 0.00
HSL	301°, 100%, 83%
HSV	301°, 33%, 100%
XYZ	73.5180, 57.1652, 100.9424
YIQ	204.9910, 23.6960, 44.1440

Conversions

Conversions Part 2

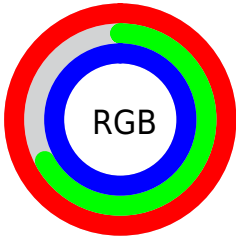
Format	Color
R _Y B	255, 170, 254
Decimal	16755454
CIE Lab	80.27, 44.01, -29.03
CIE LCh	80, 52.718, 326.590
Yxy	57.1652, 0.3174, 0.2468
Android (android.graphics.Color)	4294945534 (0xFFFFAAFE)
YUV	204.9910, 24.1614, 43.8579
Hunter-Lab	75.6077, 41.2531, -26.2316

Details

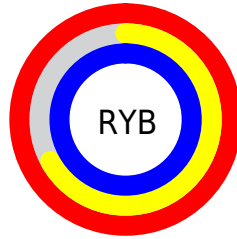
The Yxy color **57.1652, 0.3174, 0.2468** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.0027, 0.3075, 0.4277**, and the grayscale version is **60.8700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **28.3923, 0.3174, 0.2290** is the 20% darker color. If you saturate the color by 10%, you get **48.4910, 0.3188, 0.2236**, and if you desaturate by 10%, it is **67.6823, 0.3159, 0.2714**.

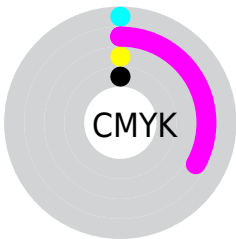
Distribution



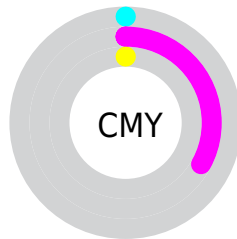
- Red (100%)
- Green (67%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1652, 0.3174, 0.2468 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 57.1652, 0.3174, 0.2468 by changing the saturation by 10% instead.


 57.1652, 0.3174,
0.2468

 57.1652, 0.3174,
0.2468


414.0680, 0.3163,
0.2835

 41.1379, 0.3174,
0.2388


 100.7062, 0.3172,
0.2593

 28.4268, 0.3173,
0.2290


128.9887, 0.3171,
0.2642

 18.6477, 0.3170,
0.2170


162.1250, 0.3169,
0.2685

 11.4160, 0.3163,
0.2018

200.4995, 0.3168,
0.2722

 6.3474, 0.3148,
0.1821

244.4967, 0.3167,
0.2755

 3.0574, 0.3117,
0.1558


294.5010, 0.3165,


 1.1618, 0.3046,


0.2785


0.1197


350.8966, 0.3164,
0.2811


 0.0302, 0.3062,
0.0082


 0.0000, 0.0559,
0.0000


 57.1652, 0.3174,
0.2468


 57.1652, 0.3174,
0.2468


 48.4910, 0.3188,
0.2236

 67.6823, 0.3159,
0.2714

 41.5688, 0.3201,
0.2027

 80.1579, 0.3145,
0.2963

 36.2743, 0.3212,
0.1851

 94.6785, 0.3132,
0.3210

 32.4742, 0.3222,
0.1715

100.0000, 0.3127,
0.3290

■ 30.0138, 0.3230,
0.1623

■ 28.7052, 0.3236,
0.1573

■ 28.2924, 0.3239,
0.1558

Harmonies

Analogous

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



57.1652, 0.2534, 0.2259



57.1652, 0.3174, 0.2468



57.1652, 0.3873, 0.2848

Triad

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



57.1652, 0.3174, 0.2468



57.1652, 0.4192, 0.4312



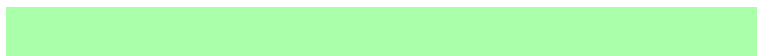
57.1652, 0.2015, 0.3045

Complementary

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



57.1652, 0.3174, 0.2468



83.0027, 0.3075, 0.4277

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.



57.1652, 0.2378, 0.3758



57.1652, 0.3174, 0.2468



57.1652, 0.3629, 0.4552

Square

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



57.1652, 0.3174, 0.2468



57.1652, 0.4484, 0.3852



57.1652, 0.2964, 0.4366



57.1652, 0.1926, 0.2519

Rectangle

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



57.1652, 0.3174, 0.2468



57.1652, 0.4245, 0.3164



57.1652, 0.2964, 0.4366



57.1652, 0.2106, 0.3272

Sweetspot

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



57.1596, 0.3174, 0.2468



84.7768, 0.3141, 0.3046



44.5065, 0.2524, 0.2293



17.7238, 0.3143, 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.



57.1596, 0.3174, 0.2468



51.1871, 0.3183, 0.2311



54.7808, 0.3519, 0.2854



18.2966, 0.3140, 0.3059



14.7851, 0.3238, 0.1557



1.4407, 0.3235, 0.1556

Inverse Universe

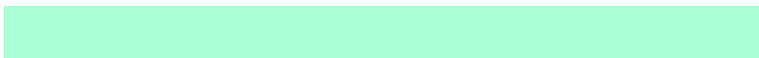
The Inverse Universe completely reimagines the original color for something new.



57.1596, 0.3174, 0.2468



51.1871, 0.3183, 0.2311



84.8422, 0.2860, 0.3775



18.2966, 0.3140, 0.3059



14.7851, 0.3238, 0.1557



1.4407, 0.3235, 0.1556

Previews

White Background



This preview shows how the Yxy color 57.1652, 0.3174, 0.2468 looks on a white background.

Color Contrast Check

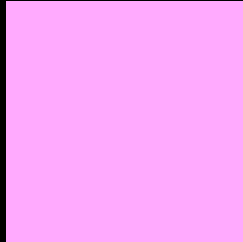
Large Text (above 18pt) WCAG AA × Fail

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 57.1652, 0.3174, 0.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

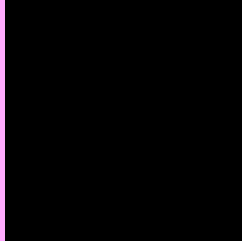
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1652, 0.3174, 0.2468

Background



This preview shows how black text looks on a background with the Yxy color 57.1652, 0.3174, 0.2468.



This preview shows how white text looks on a background with the Yxy color 57.1652, 0.3174, 0.2468.

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

57.1652, 0.3174, 0.2468

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.2072, 0.2746, 0.2681



Tritanopia

57.2156, 0.3572, 0.3142

Trichromacy



Original Color

57.1652, 0.3174, 0.2468



Protanomaly

56.8881, 0.2823, 0.2565



Deuteranomaly

56.6818, 0.2892, 0.2590



Tritanomaly

57.1745, 0.3425, 0.2885

Monochromacy



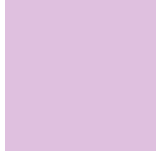
Original Color

57.1652, 0.3174, 0.2468



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

58.7150, 0.3143, 0.2948

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1652, 0.3174, 0.2468 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, 170, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 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, 170, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 254) }
```

Border

The CSS property to change the border of an element to Yxy 57.1652, 0.3174, 0.2468 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, 170, 254) }
```

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

```
.border{ border-color:rgb(255, 170, 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, 170, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1652, 0.3174, 0.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 254) }
```

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

```
.background{ background-color: rgb(255,  
170, 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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