

Converting Colors

$Yxy(52.4907, 0.4070, 0.3477)$

Have a look what the booklet for
Yxy(52.4907, 0.4070, 0.3477)
contains.

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Color

Yxy(52.6857, 0.4068, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB99
RGB	255, 171, 153
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3294, 0.3999
CMYK	0.00, 0.33, 0.40, 0.00
HSL	11°, 100%, 80%
HSV	11°, 40%, 100%
XYZ	61.5524, 52.6857, 37.0706
YIQ	194.0640, 55.8420, 12.2100

Conversions

Conversions Part 2

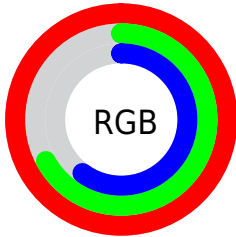
Format	Color
R _Y B	255, 175, 153
Decimal	16755609
CIE Lab	77.69, 28.75, 21.88
CIE LCh	78, 36.131, 37.268
Yxy	52.6857, 0.4068, 0.3482
Android (android.graphics.Color)	4294945689 (0xFFFFAB99)
YUV	194.0640, -20.2446, 53.4409
Hunter-Lab	72.5849, 24.3453, 20.5288

Details

The Yxy color **52.6857, 0.4068, 0.3482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.5665, 0.2542, 0.3084**, and the grayscale version is **54.0882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7032, 0.3461, 0.3493**, and **25.6519, 0.4326, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **44.6195, 0.4426, 0.3526**, and if you desaturate by 10%, it is **62.1976, 0.3763, 0.3433**.

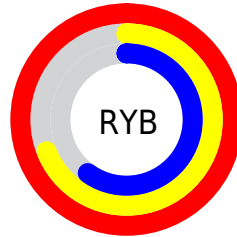
Distribution



Red (100%)

Green (67%)

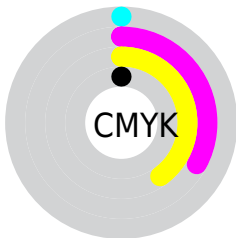
Blue (60%)



Red (100%)

Yellow (69%)

Blue (60%)

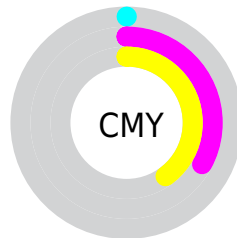


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6857, 0.4068, 0.3482 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 52.6857, 0.4068, 0.3482 by changing the saturation by 10% instead.


 52.6857, 0.4068,
0.3482

 52.6857, 0.4068,
0.3482


397.0781, 0.3603,
0.3406

 37.5519, 0.4181,
0.3495


 94.1417, 0.3901,
0.3459

 25.6351, 0.4325,
0.3508


 121.2328, 0.3837,
0.3449

 16.5509, 0.4511,
0.3520


153.0783, 0.3784,
0.3440

 9.9148, 0.4763,
0.3527

190.0628, 0.3737,
0.3432

 5.3425, 0.5117,
0.3515

232.5707, 0.3697,
0.3424

 2.4496, 0.5674,
0.3472

280.9862, 0.3662,

 0.8512, 0.6669,

0.3417

0.3331

335.6939, 0.3630,
0.3411

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.6857, 0.4068,
0.3482

52.6857, 0.4068,
0.3482

44.6195, 0.4426,
0.3526

62.1976, 0.3763,
0.3433

37.9204, 0.4830,
0.3558

73.2135, 0.3509,
0.3383

32.5138, 0.5259,
0.3568

85.7979, 0.3299,
0.3335

28.3147, 0.5672,
0.3549

99.9989, 0.3127,
0.3290

■ 25.2278, 0.6013,
0.3498

■ 23.1356, 0.6243,
0.3425

■ 23.1340, 0.6243,
0.3425

Harmonies

Analogous

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



52.6857, 0.3803, 0.3100



52.6857, 0.4068, 0.3482



52.6857, 0.4053, 0.3851

Triad

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



52.6857, 0.4068, 0.3482



52.6857, 0.2863, 0.3900



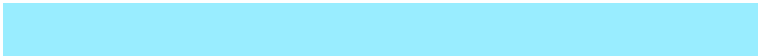
52.6857, 0.2477, 0.2519

Complementary

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



52.6857, 0.4068, 0.3482



74.5665, 0.2542, 0.3084

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.



52.6857, 0.2271, 0.2655



52.6857, 0.4068, 0.3482



52.6857, 0.2477, 0.3445

Square

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



52.6857, 0.4068, 0.3482



52.6857, 0.3338, 0.4151



52.6857, 0.2270, 0.2980



52.6857, 0.2860, 0.2568

Rectangle

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



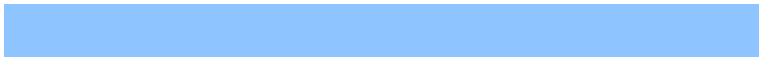
52.6857, 0.4068, 0.3482



52.6857, 0.3893, 0.4044



52.6857, 0.2270, 0.2980



52.6857, 0.2386, 0.2543

Sweetspot

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



52.6883, 0.4068, 0.3482



83.1445, 0.3338, 0.3344



50.2212, 0.3316, 0.2446



17.4340, 0.3364, 0.3351



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.



52.6883, 0.4068, 0.3482



46.1164, 0.4351, 0.3518



75.2740, 0.3855, 0.3984



18.5049, 0.3290, 0.3333



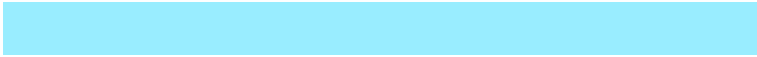
12.2377, 0.6221, 0.3443



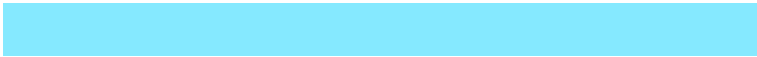
1.3266, 0.6024, 0.3599

Inverse Universe

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



74.5665, 0.2542, 0.3084



70.6843, 0.2444, 0.3036



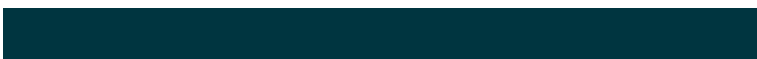
49.5397, 0.2447, 0.2476



19.9042, 0.2980, 0.3247



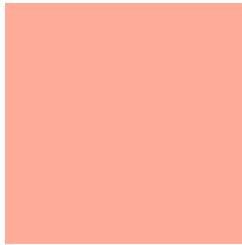
28.0614, 0.2088, 0.2715



2.8687, 0.2108, 0.2788

Previews

White Background



This preview shows how the Yxy color 52.6857, 0.4068, 0.3482 looks on a white background.

Color Contrast Check

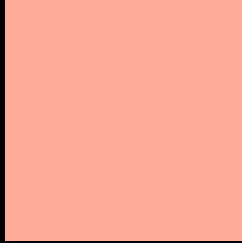
Large Text (above 18pt) WCAG AA × Fail

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 52.6857, 0.4068, 0.3482 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 52.6857, 0.4068, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 52.6857, 0.4068, 0.3482.



This preview shows how white text looks on a background with the Yxy color 52.6857, 0.4068, 0.3482.

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

52.6857, 0.4068, 0.3482

Protanopia

53.0401, 0.3445, 0.3648

Deuteranopia

52.9075, 0.3769, 0.3699



Tritanopia

52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.6857, 0.4068, 0.3482

Protanomaly

52.3138, 0.3668, 0.3585

Deuteranomaly

52.7097, 0.3878, 0.3618

Tritanomaly

52.5382, 0.3916, 0.3282

Monochromacy



Original Color

52.6857, 0.4068, 0.3482

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.9714, 0.3440, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6857, 0.4068, 0.3482 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, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 153)  
}
```

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, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 52.6857, 0.4068, 0.3482 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, 171, 153) }
```

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

```
.border{ border-color:rgb(255, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6857, 0.4068, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 153) }
```

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

```
.background{ background-color: rgb(255,  
171, 153) }
```

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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