

Converting Colors

$Y_{xy}(52.5357, 0.4060, 0.3475)$

Have a look what the booklet for
Yxy(52.5357, 0.4060, 0.3475)
contains.

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Color

Yxy(52.7189, 0.4059, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB9A
RGB	255, 171, 154
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3294, 0.3962
CMYK	0.00, 0.33, 0.40, 0.00
HSL	10°, 100%, 80%
HSV	10°, 40%, 100%
XYZ	61.6319, 52.7189, 37.4893
YIQ	194.1780, 55.5210, 12.5210

Conversions

Conversions Part 2

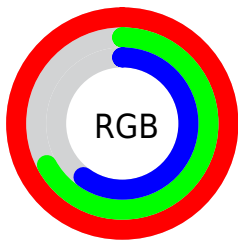
Format	Color
R _Y B	255, 174, 154
Decimal	16755610
CIE Lab	77.71, 28.85, 21.39
CIE LCh	78, 35.918, 36.548
Yxy	52.7189, 0.4059, 0.3472
Android (android.graphics.Color)	4294945690 (0xFFFFAB9A)
YUV	194.1780, -19.8078, 53.3409
Hunter-Lab	72.6078, 24.4532, 20.2124

Details

The Yxy color **52.7189, 0.4059, 0.3472** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.2119, 0.2549, 0.3095**, and the grayscale version is **54.1553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7522, 0.3454, 0.3482**, and **25.6719, 0.4313, 0.3494** is the 20% darker color. If you saturate the color by 10%, you get **44.5829, 0.4417, 0.3514**, and if you desaturate by 10%, it is **62.3249, 0.3754, 0.3425**.

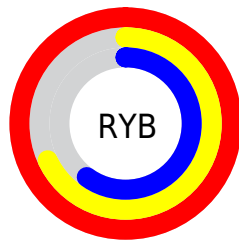
Distribution



Red (100%)

Green (67%)

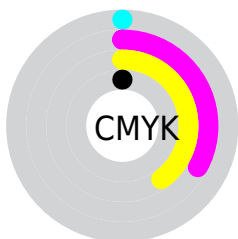
Blue (60%)



Red (100%)

Yellow (68%)

Blue (60%)

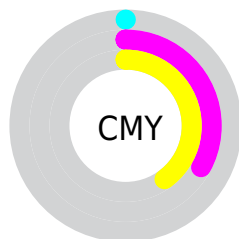


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7189, 0.4059, 0.3472 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 52.7189, 0.4059, 0.3472 by changing the saturation by 10% instead.

 52.7189, 0.4059,
0.3472


 52.7189, 0.4059,
0.3472


397.2057, 0.3598,
0.3400

 37.5784, 0.4171,
0.3484


 94.1906, 0.3893,
0.3450

 25.6556, 0.4313,
0.3496


 121.2906, 0.3831,
0.3441

 16.5662, 0.4499,
0.3507


153.1459, 0.3777,
0.3432

 9.9257, 0.4749,
0.3512

190.1409, 0.3731,
0.3425

 5.3497, 0.5101,
0.3500

232.6600, 0.3691,
0.3418

 2.4539, 0.5649,
0.3452

281.0876, 0.3657,

 0.8534, 0.6672,

0.3411

0.3328

335.8080, 0.3626,
0.3405

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7189, 0.4059,
0.3472

52.7189, 0.4059,
0.3472

44.5829, 0.4417,
0.3514

62.3249, 0.3754,
0.3425

37.8364, 0.4823,
0.3545

73.4607, 0.3501,
0.3377

32.4033, 0.5255,
0.3555

86.1922, 0.3292,
0.3331

28.1963, 0.5671,
0.3538

99.9985, 0.3127,
0.3290

■ 25.1177, 0.6016,
0.3488

■ 23.0484, 0.6248,
0.3418

■ 22.9862, 0.6255,
0.3415

Harmonies

Analogous

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



52.7189, 0.3789, 0.3093



52.7189, 0.4059, 0.3472



52.7189, 0.4051, 0.3840

Triad

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



52.7189, 0.4059, 0.3472



52.7189, 0.2875, 0.3905



52.7189, 0.2473, 0.2525

Complementary

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



52.7189, 0.4059, 0.3472



75.2119, 0.2549, 0.3095

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.



52.7189, 0.2273, 0.2664



52.7189, 0.4059, 0.3472



52.7189, 0.2489, 0.3456

Square

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



52.7189, 0.4059, 0.3472



52.7189, 0.3349, 0.4148



52.7189, 0.2277, 0.2992



52.7189, 0.2851, 0.2569

Rectangle

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



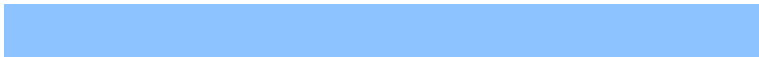
52.7189, 0.4059, 0.3472



52.7189, 0.3896, 0.4034



52.7189, 0.2277, 0.2992



52.7189, 0.2385, 0.2550

Sweetspot

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



52.7215, 0.4059, 0.3472



83.0127, 0.3338, 0.3342



50.5448, 0.3314, 0.2454



17.4032, 0.3365, 0.3348



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.



52.7215, 0.4059, 0.3472



45.8037, 0.4356, 0.3508



75.4733, 0.3847, 0.3977



18.4819, 0.3290, 0.3331



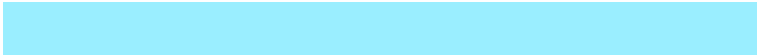
12.1554, 0.6233, 0.3433



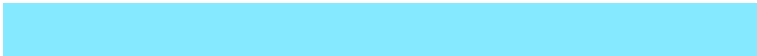
1.3153, 0.6040, 0.3586

Inverse Universe

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



75.2119, 0.2549, 0.3095



71.2245, 0.2446, 0.3047



49.9044, 0.2454, 0.2485



19.9293, 0.2980, 0.3249



28.5686, 0.2095, 0.2742



2.9135, 0.2114, 0.2811

Previews

White Background



This preview shows how the Yxy color 52.7189, 0.4059, 0.3472 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 52.7189, 0.4059, 0.3472 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 52.7189, 0.4059, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 52.7189, 0.4059, 0.3472.



This preview shows how white text looks on a background with the Yxy color 52.7189, 0.4059, 0.3472.

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

52.7189, 0.4059, 0.3472

Protanopia

52.9362, 0.3429, 0.3637

Deuteranopia

52.9398, 0.3760, 0.3687



Tritanopia

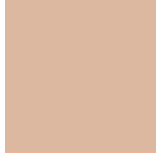
52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.7189, 0.4059, 0.3472



Protanomaly

52.1912, 0.3651, 0.3574



Deuteranomaly

52.7424, 0.3869, 0.3607



Tritanomaly

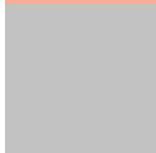
52.5762, 0.3906, 0.3271

Monochromacy



Original Color

52.7189, 0.4059, 0.3472



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 52.7189, 0.4059, 0.3472 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 154) }
```

Border

The CSS property to change the border of an element to Yxy 52.7189, 0.4059, 0.3472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

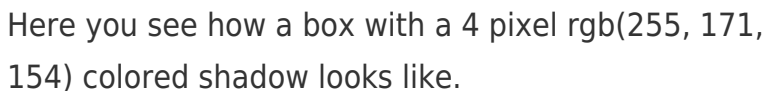
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 171, 154) }
```

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

```
.border{ border-color:rgb(255, 171, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 171, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 171, 154); box-shadow:4px 4px 4px 4px rgb(255, 171, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7189, 0.4059, 0.3472 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
171, 154) }
```

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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