

Converting Colors

$Y_{xy}(54.0828, 0.4253, 0.3606)$

Have a look what the booklet for
Yxy(54.0828, 0.4253, 0.3606)
contains.

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Color

Yxy(52.3089, 0.4179, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	FFAB8D
RGB	255, 171, 141
RGB Percent	100%, 67%, 55%
CMY	0.0001, 0.3293, 0.4470
CMYK	0.00, 0.33, 0.45, 0.00
HSL	16°, 100%, 78%
HSV	16°, 45%, 100%
XYZ	60.6041, 52.3089, 32.1075
YIQ	192.6960, 59.6940, 8.4780

Conversions

Conversions Part 2

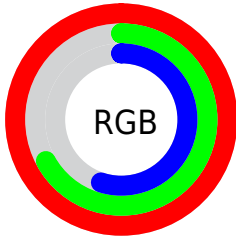
Format	Color
R _Y B	255, 182, 141
Decimal	16755597
CIE Lab	77.47, 27.49, 28.03
CIE LCh	77, 39.255, 45.558
Yxy	52.3089, 0.4179, 0.3607
Android (android.graphics.Color)	4294945677 (0xFFFFAB8D)
YUV	192.6960, -25.4861, 54.6406
Hunter-Lab	72.3249, 23.0041, 24.3065

Details

The Yxy color **52.3089, 0.4179, 0.3607** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.7164, 0.2463, 0.2937**, and the grayscale version is **53.2689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1383, 0.3544, 0.3615**, and **25.4480, 0.4463, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **45.0374, 0.4530, 0.3668**, and if you desaturate by 10%, it is **60.7687, 0.3872, 0.3536**.

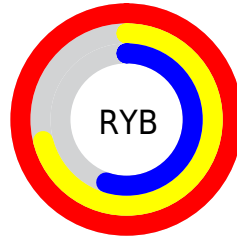
Distribution



Red (100%)

Green (67%)

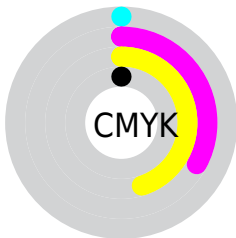
Blue (55%)



Red (100%)

Yellow (71%)

Blue (55%)

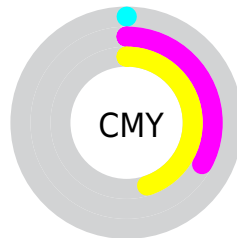


Cyan (0%)

Magenta (33%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3089, 0.4179, 0.3607 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 52.3089, 0.4179, 0.3607 by changing the saturation by 10% instead.


 52.3089, 0.4179,
0.3607


 52.3089, 0.4179,
0.3607

395.6280, 0.3660,
0.3475


 37.2514, 0.4304,
0.3631


 93.5866, 0.3993,
0.3566

 25.4022, 0.4462,
0.3657


 120.5756, 0.3922,
0.3548

 16.3769, 0.4666,
0.3683


 152.3105, 0.3862,
0.3533

 9.7913, 0.4936,
0.3704

189.1758, 0.3810,
0.3519

 5.2608, 0.5307,
0.3703

231.5558, 0.3765,
0.3506

 2.4011, 0.6019,
0.3753

279.8349, 0.3726,

 0.8264, 0.6619,

0.3495

0.3381

334.3975, 0.3691,
0.3485

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3089, 0.4179,
0.3607

52.3089, 0.4179,
0.3607

45.0374, 0.4530,
0.3668

60.7687, 0.3872,
0.3536

38.8921, 0.4913,
0.3708

70.4599, 0.3609,
0.3462

33.8165, 0.5304,
0.3716

81.4329, 0.3388,
0.3390

29.7458, 0.5667,
0.3683

93.7327, 0.3203,
0.3321

■ 26.6067, 0.5958,
0.3606

99.9948, 0.3127,
0.3290

■ 25.2846, 0.6080,
0.3555

Harmonies

Analogous

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



52.3089, 0.3971, 0.3192



52.3089, 0.4179, 0.3607



52.3089, 0.4074, 0.3988

Triad

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



52.3089, 0.4179, 0.3607



52.3089, 0.2707, 0.3834



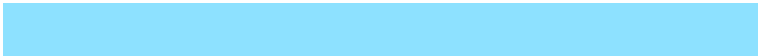
52.3089, 0.2519, 0.2453

Complementary

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



52.3089, 0.4179, 0.3607



66.7164, 0.2463, 0.2937

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.



52.3089, 0.2242, 0.2539



52.3089, 0.4179, 0.3607



52.3089, 0.2339, 0.3307

Square

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



52.3089, 0.4179, 0.3607



52.3089, 0.3207, 0.4190



52.3089, 0.2178, 0.2833



52.3089, 0.2975, 0.2558

Rectangle

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



52.3089, 0.4179, 0.3607



52.3089, 0.3854, 0.4172



52.3089, 0.2178, 0.2833



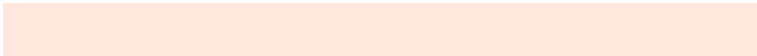
52.3089, 0.2404, 0.2459

Sweetspot

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



52.3115, 0.4179, 0.3607



83.4417, 0.3354, 0.3378



45.8269, 0.3431, 0.2436



17.3067, 0.3398, 0.3393



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.



52.3115, 0.4179, 0.3607



45.5158, 0.4504, 0.3664



77.8344, 0.3912, 0.4150



18.7646, 0.3288, 0.3353



13.4203, 0.6052, 0.3577



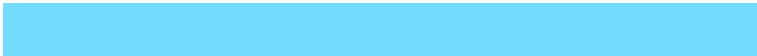
1.4759, 0.5833, 0.3751

Inverse Universe

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



66.7164, 0.2463, 0.2937



61.5532, 0.2346, 0.2849



41.4467, 0.2341, 0.2240



19.6245, 0.2980, 0.3226



22.7919, 0.2003, 0.2410



2.3976, 0.2034, 0.2522

Previews

White Background



This preview shows how the Yxy color 52.3089, 0.4179, 0.3607 looks on a white background.

Color Contrast Check

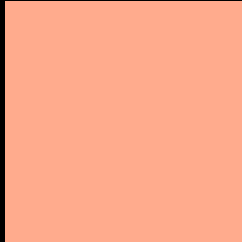
Large Text (above 18pt) WCAG AA × Fail

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 52.3089, 0.4179, 0.3607 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 52.3089, 0.4179, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 52.3089, 0.4179, 0.3607.



This preview shows how white text looks on a background with the Yxy color 52.3089, 0.4179, 0.3607.

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

52.3089, 0.4179, 0.3607

Protanopia

52.3010, 0.3561, 0.3798

Deuteranopia

52.4760, 0.3884, 0.3811



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.3089, 0.4179, 0.3607

Protanomaly

52.0755, 0.3780, 0.3725

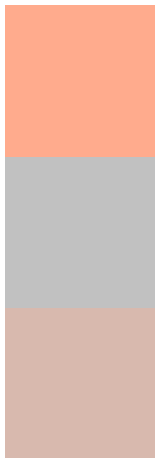
Deuteranomaly

52.1382, 0.3988, 0.3728

Tritanomaly

51.9819, 0.3967, 0.3324

Monochromacy



Original Color

52.3089, 0.4179, 0.3607

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.3528, 0.3484, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3089, 0.4179, 0.3607 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, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 141)  
}
```

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, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 141) }
```

Border

The CSS property to change the border of an element to Yxy 52.3089, 0.4179, 0.3607 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, 141) }
```

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

```
.border{ border-color:rgb(255, 171, 141) }
```

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, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3089, 0.4179, 0.3607 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, 141) }
```

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

```
.background{ background-color: rgb(255,  
171, 141) }
```

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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