

Converting Colors

$Yxy(65.9543, 0.4449, 0.3488)$

Have a look what the booklet for
Yxy(65.9543, 0.4449, 0.3488)
contains.

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Color

Yxy(55.0374, 0.4033, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FFB19A
RGB	255, 177, 154
RGB Percent	100%, 69%, 60%
CMY	0.0000, 0.3059, 0.3960
CMYK	0.00, 0.31, 0.40, 0.00
HSL	14°, 100%, 80%
HSV	14°, 40%, 100%
XYZ	62.8087, 55.0374, 37.8908
YIQ	197.7000, 53.8710, 9.3830

Conversions

Conversions Part 2

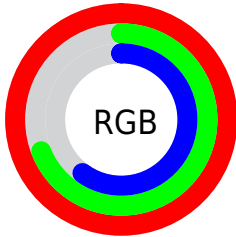
Format	Color
R _Y B	255, 184, 154
Decimal	16757146
CIE Lab	79.06, 25.76, 23.23
CIE LCh	79, 34.681, 42.043
Yxy	55.0374, 0.4033, 0.3534
Android (android.graphics.Color)	4294947226 (0xFFFFB19A)
YUV	197.7000, -21.5441, 50.2521
Hunter-Lab	74.1872, 21.2948, 21.6489

Details

The Yxy color **55.0374, 0.4033, 0.3534** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **71.8229, 0.2538, 0.3026**, and the grayscale version is **56.3827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0919, 0.3443, 0.3541**, and **27.1303, 0.4271, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **47.0418, 0.4373, 0.3592**, and if you desaturate by 10%, it is **64.3244, 0.3741, 0.3471**.

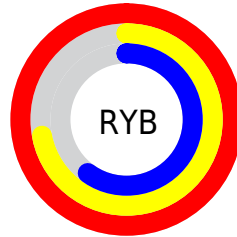
Distribution



Red (100%)

Green (69%)

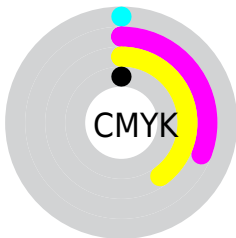
Blue (60%)



Red (100%)

Yellow (72%)

Blue (60%)

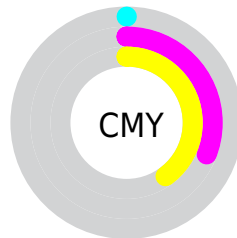


Cyan (0%)

Magenta (31%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0374, 0.4033, 0.3534 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 55.0374, 0.4033, 0.3534 by changing the saturation by 10% instead.


 55.0374, 0.4033,
0.3534

 55.0374, 0.4033,
0.3534


406.0537, 0.3589,
0.3432

 39.4317, 0.4140,
0.3553


 97.5957, 0.3874,
0.3502

 27.0957, 0.4275,
0.3575


 125.3172, 0.3814,
0.3488

 17.6451, 0.4450,
0.3597


157.8459, 0.3762,
0.3476

 10.6955, 0.4684,
0.3618

195.5664, 0.3718,
0.3465

 5.8625, 0.5010,
0.3628

238.8630, 0.3679,
0.3456

 2.7616, 0.5505,
0.3613

288.1202, 0.3645,

 1.0086, 0.6435,

0.3447

0.3565

343.7223, 0.3615,
0.3439

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0374, 0.4033,
0.3534

55.0374, 0.4033,
0.3534

47.0418, 0.4373,
0.3592

64.3244, 0.3741,
0.3471

40.2969, 0.4756,
0.3635

74.9771, 0.3495,
0.3407

34.7322, 0.5163,
0.3655

87.0415, 0.3291,
0.3345

30.2775, 0.5560,
0.3640

100.0000, 0.3127,
0.3290

■ 26.8543, 0.5899,
0.3585

■ 24.3677, 0.6145,
0.3499

■ 24.2858, 0.6154,
0.3496

Harmonies

Analogous

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



55.0374, 0.3821, 0.3167



55.0374, 0.4033, 0.3534



55.0374, 0.3977, 0.3874

Triad

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



55.0374, 0.4033, 0.3534



55.0374, 0.2811, 0.3805



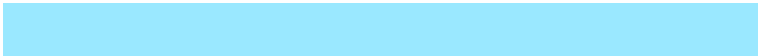
55.0374, 0.2558, 0.2554

Complementary

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



55.0374, 0.4033, 0.3534



71.8229, 0.2538, 0.3026

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.



55.0374, 0.2332, 0.2656



55.0374, 0.4033, 0.3534



55.0374, 0.2467, 0.3364

Square

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



55.0374, 0.4033, 0.3534



55.0374, 0.3257, 0.4082



55.0374, 0.2299, 0.2939



55.0374, 0.2945, 0.2626

Rectangle

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



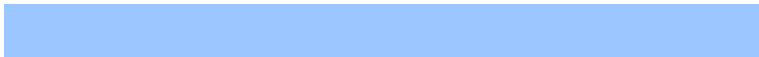
55.0374, 0.4033, 0.3534



55.0374, 0.3804, 0.4039



55.0374, 0.2299, 0.2939



55.0374, 0.2462, 0.2567

Sweetspot

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



55.0312, 0.4033, 0.3534



84.0169, 0.3336, 0.3360



50.2663, 0.3357, 0.2499



17.6379, 0.3362, 0.3368



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.



55.0312, 0.4033, 0.3534



48.2363, 0.4315, 0.3583



78.1974, 0.3827, 0.4024



18.6571, 0.3289, 0.3345



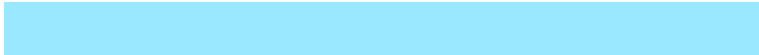
12.8730, 0.6128, 0.3517



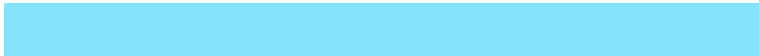
1.4093, 0.5915, 0.3685

Inverse Universe

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



71.8229, 0.2538, 0.3026



67.2007, 0.2430, 0.2960



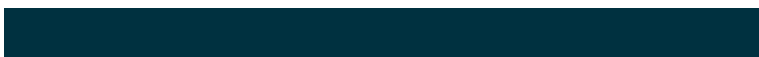
47.8051, 0.2444, 0.2423



19.7395, 0.2980, 0.3235



24.8749, 0.2038, 0.2537



2.5850, 0.2065, 0.2633

Previews

White Background



This preview shows how the Yxy color 55.0374, 0.4033, 0.3534 looks on a white background.

Color Contrast Check

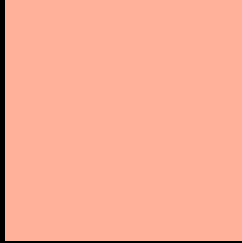
Large Text (above 18pt) WCAG AA × Fail

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 55.0374, 0.4033, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

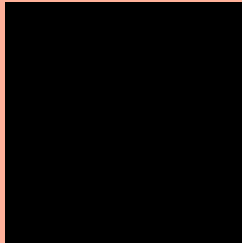
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0374, 0.4033, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 55.0374, 0.4033, 0.3534.



This preview shows how white text looks on a background with the Yxy color 55.0374, 0.4033, 0.3534.

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

55.0374, 0.4033, 0.3534

Protanopia

55.3896, 0.3471, 0.3691

Deuteranopia

55.0564, 0.3785, 0.3702



Tritanopia

55.0773, 0.3750, 0.3166

Trichromacy



Original Color

55.0374, 0.4033, 0.3534



Protanomaly

54.7806, 0.3662, 0.3628



Deuteranomaly

54.9316, 0.3871, 0.3636



Tritanomaly

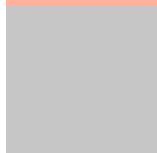
54.9759, 0.3857, 0.3303

Monochromacy



Original Color

55.0374, 0.4033, 0.3534



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.2644, 0.3434, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0374, 0.4033, 0.3534 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, 177, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 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, 177, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 154) }
```

Border

The CSS property to change the border of an element to Yxy 55.0374, 0.4033, 0.3534 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, 177, 154) }
```

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

```
.border{ border-color:rgb(255, 177, 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, 177, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0374, 0.4033, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 154) }
```

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

```
.background{ background-color: rgb(255,  
177, 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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