

Converting Colors

Yxy(51.2219, 0.4120, 0.3484)

Have a look what the booklet for
Yxy(51.2219, 0.4120, 0.3484)
contains.

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Color

Yxy(51.0674, 0.4124, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	FFA795
RGB	255, 167, 149
RGB Percent	100%, 65%, 58%
CMY	0.0000, 0.3451, 0.4156
CMYK	0.00, 0.35, 0.42, 0.00
HSL	10°, 100%, 79%
HSV	10°, 42%, 100%
XYZ	60.4830, 51.0674, 35.1107
YIQ	191.2600, 58.2260, 13.0580

Conversions

Conversions Part 2

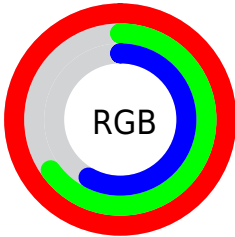
Format	Color
R _Y B	255, 171, 149
Decimal	16754581
CIE Lab	76.72, 30.41, 22.71
CIE LCh	77, 37.958, 36.755
Yxy	51.0674, 0.4124, 0.3482
Android (android.graphics.Color)	4294944661 (0xFFFFA795)
YUV	191.2600, -20.8342, 55.9000
Hunter-Lab	71.4615, 26.0200, 20.8925

Details

The Yxy color **51.0674, 0.4124, 0.3482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.1823, 0.2524, 0.3083**, and the grayscale version is **52.3593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3471, 0.3497, 0.3494**, and **24.6522, 0.4407, 0.3506** is the 20% darker color. If you saturate the color by 10%, you get **43.2097, 0.4492, 0.3523**, and if you desaturate by 10%, it is **60.3782, 0.3809, 0.3435**.

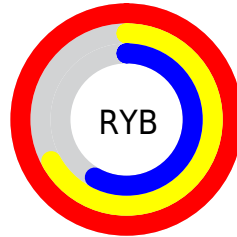
Distribution



Red (100%)

Green (65%)

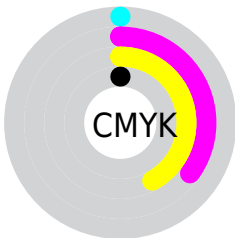
Blue (58%)



Red (100%)

Yellow (67%)

Blue (58%)

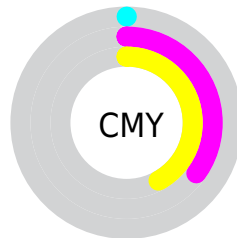


Cyan (0%)

Magenta (35%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0674, 0.4124, 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 51.0674, 0.4124, 0.3482 by changing the saturation by 10% instead.


 51.0674, 0.4124,
0.3482

 51.0674, 0.4124,
0.3482


390.8256, 0.3628,
0.3407

 36.2622, 0.4245,
0.3494


 91.7544, 0.3945,
0.3460

 24.6368, 0.4399,
0.3506


 118.4050, 0.3878,
0.3450

 15.8067, 0.4599,
0.3514


149.7729, 0.3821,
0.3441

 9.3875, 0.4870,
0.3515

186.2425, 0.3771,
0.3433

 4.9948, 0.5250,
0.3492

228.1982, 0.3729,
0.3426

 2.2442, 0.5892,
0.3451

276.0243, 0.3691,

 0.7439, 0.6836,

0.3419

0.3164

330.1053, 0.3658,
0.3413

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.0674, 0.4124,
0.3482

51.0674, 0.4124,
0.3482

43.2097, 0.4492,
0.3523

60.3782, 0.3809,
0.3435

36.7240, 0.4905,
0.3550

71.2029, 0.3546,
0.3387

31.5329, 0.5337,
0.3556

83.6076, 0.3330,
0.3340

27.5479, 0.5744,
0.3532

97.6526, 0.3152,
0.3297

■ 24.6688, 0.6068, 99.9988, 0.3127,
0.3477 0.3290

■ 23.0073, 0.6254,
0.3417

Harmonies

Analogous

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



51.0674, 0.3838, 0.3081



51.0674, 0.4124, 0.3482



51.0674, 0.4111, 0.3873

Triad

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



51.0674, 0.4124, 0.3482



51.0674, 0.2853, 0.3948



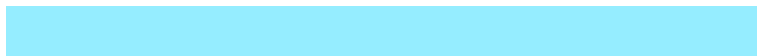
51.0674, 0.2434, 0.2477

Complementary

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



51.0674, 0.4124, 0.3482



74.1823, 0.2524, 0.3083

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.



51.0674, 0.2221, 0.2621



51.0674, 0.4124, 0.3482



51.0674, 0.2444, 0.3462

Square

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



51.0674, 0.4124, 0.3482



51.0674, 0.3357, 0.4209



51.0674, 0.2223, 0.2966



51.0674, 0.2835, 0.2527

Rectangle

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



51.0674, 0.4124, 0.3482



51.0674, 0.3943, 0.4083



51.0674, 0.2223, 0.2966



51.0674, 0.2340, 0.2502

Sweetspot

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



51.0699, 0.4124, 0.3482



83.0316, 0.3338, 0.3342



48.8938, 0.3325, 0.2415



17.4077, 0.3364, 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.



51.0699, 0.4124, 0.3482



44.3455, 0.4431, 0.3517



74.4422, 0.3888, 0.4010



18.4852, 0.3290, 0.3331



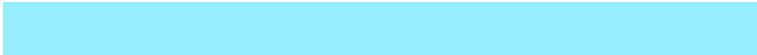
12.1670, 0.6231, 0.3434



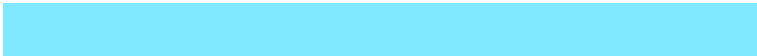
1.3169, 0.6037, 0.3588

Inverse Universe

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



74.1823, 0.2524, 0.3083



70.2508, 0.2423, 0.3034



48.0353, 0.2419, 0.2438



19.9257, 0.2980, 0.3249



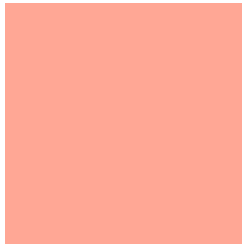
28.4953, 0.2094, 0.2738



2.9070, 0.2113, 0.2808

Previews

White Background



This preview shows how the Yxy color 51.0674, 0.4124, 0.3482 looks on a white background.

Color Contrast Check

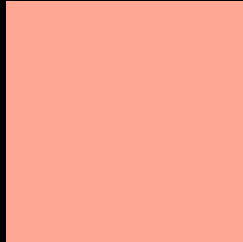
Large Text (above 18pt) WCAG AA × Fail

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 51.0674, 0.4124, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

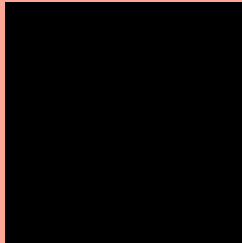
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0674, 0.4124, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 51.0674, 0.4124, 0.3482.



This preview shows how white text looks on a background with the Yxy color 51.0674, 0.4124, 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

51.0674, 0.4124, 0.3482

Protanopia

51.2126, 0.3450, 0.3654

Deuteranopia

51.2192, 0.3796, 0.3715



Tritanopia

50.9455, 0.3875, 0.3166

Trichromacy



Original Color

51.0674, 0.4124, 0.3482



Protanomaly

50.6637, 0.3686, 0.3588



Deuteranomaly

51.2130, 0.3917, 0.3631



Tritanomaly

50.9234, 0.3969, 0.3282

Monochromacy



Original Color

51.0674, 0.4124, 0.3482



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.8866, 0.3456, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0674, 0.4124, 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, 167, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 149)  
}
```

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, 167, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 149) }
```

Border

The CSS property to change the border of an element to Yxy 51.0674, 0.4124, 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, 167, 149) }
```

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

```
.border{ border-color:rgb(255, 167, 149) }
```

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

Here you see how a box with a 4 pixel rgb(255, 167, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0674, 0.4124, 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, 167, 149) }
```

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

```
.background{ background-color: rgb(255,  
167, 149) }
```

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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