

Converting Colors

Yxy(54.6959, 0.4069, 0.3568)

Have a look what the booklet for
Yxy(54.6959, 0.4069, 0.3568)
contains.

Yxy(54.5127, 0.4073, 0.3566)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5127, 0.4073, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	FFB096
RGB	255, 176, 150
RGB Percent	100%, 69%, 59%
CMY	0.0001, 0.3097, 0.4118
CMYK	0.00, 0.31, 0.41, 0.00
HSL	15°, 100%, 79%
HSV	15°, 41%, 100%
XYZ	62.2631, 54.5127, 36.0921
YIQ	196.6570, 55.4300, 8.6620

Conversions

Conversions Part 2

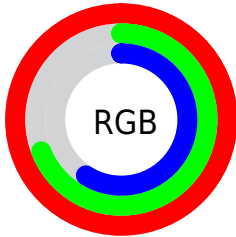
Format	Color
R _Y B	255, 185, 150
Decimal	16756886
CIE Lab	78.76, 25.80, 24.96
CIE LCh	79, 35.899, 44.060
Yxy	54.5127, 0.4073, 0.3566
Android (android.graphics.Color)	4294946966 (0xFFFFB096)
YUV	196.6570, -23.0019, 51.1668
Hunter-Lab	73.8327, 21.3217, 22.6998

Details

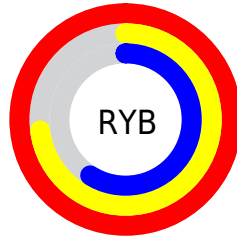
The Yxy color **54.5127, 0.4073, 0.3566** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.7135, 0.2513, 0.2988**, and the grayscale version is **55.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3329, 0.3472, 0.3572**, and **26.8025, 0.4327, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **46.7838, 0.4414, 0.3627**, and if you desaturate by 10%, it is **63.4880, 0.3778, 0.3498**.

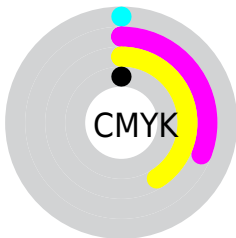
Distribution



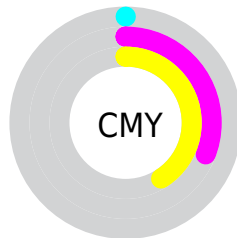
- Red (100%)
- Green (69%)
- Blue (59%)



- Red (100%)
- Yellow (73%)
- Blue (59%)



- Cyan (0%)
- Magenta (31%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5127, 0.4073, 0.3566 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 54.5127, 0.4073, 0.3566 by changing the saturation by 10% instead.


 54.5127, 0.4073,
0.3566


 54.5127, 0.4073,
0.3566


404.0621, 0.3609,
0.3450

 39.0117, 0.4185,
0.3588


 96.8266, 0.3907,
0.3529

 26.7688, 0.4326,
0.3612


 124.4083, 0.3844,
0.3514

 17.3997, 0.4508,
0.3638


156.7857, 0.3790,
0.3500

 10.5199, 0.4751,
0.3662

194.3433, 0.3744,
0.3488

 5.7450, 0.5088,
0.3674

237.4652, 0.3703,
0.3477

 2.6906, 0.5623,
0.3673

286.5361, 0.3668,

 0.9724, 0.6454,

0.3467

0.3546

341.9403, 0.3637,
0.3458

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.5127, 0.4073,
0.3566

54.5127, 0.4073,
0.3566

46.7838, 0.4414,
0.3627

63.4880, 0.3778,
0.3498

40.2373, 0.4794,
0.3673

73.7540, 0.3528,
0.3428

34.8153, 0.5193,
0.3691

85.3626, 0.3319,
0.3360

30.4516, 0.5577,
0.3671

98.3606, 0.3146,
0.3297

■ 27.0723, 0.5900,
0.3609

99.9952, 0.3127,
0.3290

■ 24.8332, 0.6113,
0.3529

Harmonies

Analogous

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



54.5127, 0.3871, 0.3186



54.5127, 0.4073, 0.3566



54.5127, 0.3996, 0.3914

Triad

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



54.5127, 0.4073, 0.3566



54.5127, 0.2770, 0.3798



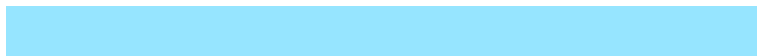
54.5127, 0.2559, 0.2527

Complementary

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



54.5127, 0.4073, 0.3566



69.7135, 0.2513, 0.2988

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.



54.5127, 0.2313, 0.2619



54.5127, 0.4073, 0.3566



54.5127, 0.2425, 0.3333

Square

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



54.5127, 0.4073, 0.3566



54.5127, 0.3228, 0.4104



54.5127, 0.2266, 0.2899



54.5127, 0.2968, 0.2614

Rectangle

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



54.5127, 0.4073, 0.3566



54.5127, 0.3806, 0.4080



54.5127, 0.2266, 0.2899



54.5127, 0.2457, 0.2537

Sweetspot

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



54.5154, 0.4073, 0.3566



84.3687, 0.3335, 0.3366



48.8067, 0.3385, 0.2485



17.7202, 0.3361, 0.3375



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.



54.5154, 0.4073, 0.3566



48.3713, 0.4336, 0.3615



78.3844, 0.3851, 0.4069



18.7184, 0.3288, 0.3350



13.1748, 0.6085, 0.3550



1.4464, 0.5869, 0.3722

Inverse Universe

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



69.7135, 0.2513, 0.2988



65.2948, 0.2412, 0.2920



45.5388, 0.2411, 0.2359



19.6738, 0.2980, 0.3230



23.6707, 0.2018, 0.2465



2.4769, 0.2047, 0.2570

Previews

White Background



This preview shows how the Yxy color 54.5127, 0.4073, 0.3566 looks on a white background.

Color Contrast Check

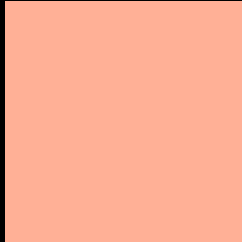
Large Text (above 18pt) WCAG AA × Fail

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 54.5127, 0.4073, 0.3566 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 54.5127, 0.4073, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 54.5127, 0.4073, 0.3566.



This preview shows how white text looks on a background with the Yxy color 54.5127, 0.4073, 0.3566.

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

54.5127, 0.4073, 0.3566

Protanopia

54.7988, 0.3505, 0.3729

Deuteranopia

54.5018, 0.3822, 0.3737



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.5127, 0.4073, 0.3566



Protanomaly

54.2140, 0.3698, 0.3664



Deuteranomaly

54.3876, 0.3910, 0.3669



Tritanomaly

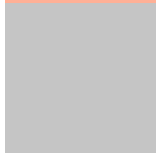
54.5107, 0.3879, 0.3313

Monochromacy



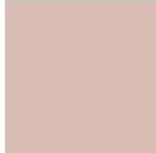
Original Color

54.5127, 0.4073, 0.3566



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.5959, 0.3443, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5127, 0.4073, 0.3566 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, 176, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 150)  
}
```

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, 176, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.5127, 0.4073, 0.3566 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, 176, 150) }
```

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

```
.border{ border-color:rgb(255, 176, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5127, 0.4073, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 150) }
```

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

```
.background{ background-color: rgb(255,  
176, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor