

Converting Colors

$Yxy(59.8400, 0.4338, 0.3543)$

Have a look what the booklet for
Yxy(59.8400, 0.4338, 0.3543)
contains.

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Color

Yxy(54.0581, 0.4096, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	FFAF94
RGB	255, 175, 148
RGB Percent	100%, 69%, 58%
CMY	0.0000, 0.3137, 0.4196
CMYK	0.00, 0.31, 0.42, 0.00
HSL	15°, 100%, 79%
HSV	15°, 42%, 100%
XYZ	61.9189, 54.0581, 35.1922
YIQ	195.8420, 56.3470, 8.5630

Conversions

Conversions Part 2

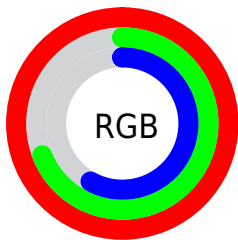
Format	Color
RYB	255, 184, 148
Decimal	16756628
CIELab	78.50, 26.13, 25.67
CIELCh	78, 36.632, 44.486
Yxy	54.0581, 0.4096, 0.3576
Android (android.graphics.Color)	4294946708 (0xFFFFAF94)
YUV	195.8420, -23.5861, 51.8816
Hunter-Lab	73.5242, 21.6576, 23.0879

Details

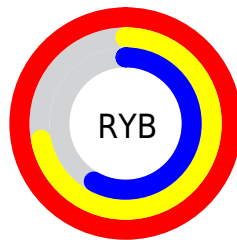
The Yxy color **54.0581, 0.4096, 0.3576** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.0101, 0.2502, 0.2976**, and the grayscale version is **55.2212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6761, 0.3488, 0.3583**, and **26.5179, 0.4359, 0.3625** is the 20% darker color. If you saturate the color by 10%, you get **46.4324, 0.4439, 0.3637**, and if you desaturate by 10%, it is **62.9109, 0.3798, 0.3507**.

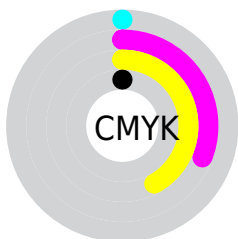
Distribution



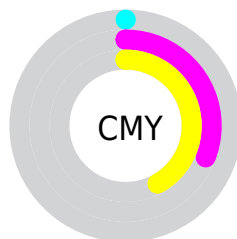
- Red (100%)
- Green (69%)
- Blue (58%)



- Red (100%)
- Yellow (72%)
- Blue (58%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0581, 0.4096, 0.3576 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 54.0581, 0.4096, 0.3576 by changing the saturation by 10% instead.


 54.0581, 0.4096,
0.3576

 54.0581, 0.4096,
0.3576


402.3315, 0.3620,
0.3456

 38.6481, 0.4211,
0.3599


 96.1595, 0.3926,
0.3538

 26.4861, 0.4355,
0.3624


 123.6198, 0.3861,
0.3522

 17.1876, 0.4542,
0.3650


155.8656, 0.3806,
0.3508

 10.3684, 0.4791,
0.3673

193.2813, 0.3758,
0.3495

 5.6439, 0.5135,
0.3683

236.2514, 0.3717,
0.3484

 2.6298, 0.5700,
0.3690

285.1602, 0.3681,

 0.9417, 0.6485,

0.3474

0.3515

340.3921, 0.3648,
0.3465

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0581, 0.4096,
0.3576

54.0581, 0.4096,
0.3576

46.4324, 0.4439,
0.3637

62.9109, 0.3798,
0.3507

39.9765, 0.4819,
0.3682

73.0408, 0.3546,
0.3436

34.6310, 0.5217,
0.3698

84.4972, 0.3334,
0.3367

30.3302, 0.5596,
0.3676

97.3263, 0.3158,
0.3302

■ 27.0005, 0.5912,
0.3611

100.0000, 0.3127,
0.3290

■ 24.9636, 0.6103,
0.3536

Harmonies

Analogous

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



54.0581, 0.3893, 0.3189



54.0581, 0.4096, 0.3576



54.0581, 0.4012, 0.3931

Triad

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



54.0581, 0.4096, 0.3576



54.0581, 0.2755, 0.3805



54.0581, 0.2552, 0.2511

Complementary

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



54.0581, 0.4096, 0.3576



69.0101, 0.2502, 0.2976

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.



54.0581, 0.2298, 0.2601



54.0581, 0.4096, 0.3576



54.0581, 0.2406, 0.3326

Square

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



54.0581, 0.4096, 0.3576



54.0581, 0.3222, 0.4122



54.0581, 0.2246, 0.2884



54.0581, 0.2971, 0.2602

Rectangle

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



54.0581, 0.4096, 0.3576



54.0581, 0.3815, 0.4100



54.0581, 0.2246, 0.2884



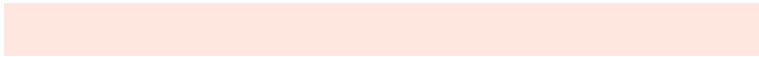
54.0581, 0.2446, 0.2520

Sweetspot

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



54.0587, 0.4096, 0.3576



83.2378, 0.3355, 0.3374



48.0591, 0.3407, 0.2486



17.2569, 0.3399, 0.3389



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.



54.0587, 0.4096, 0.3576



47.8303, 0.4368, 0.3626



79.0246, 0.3859, 0.4099



18.7315, 0.3288, 0.3351



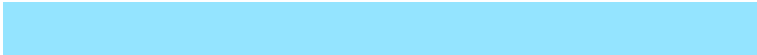
13.2428, 0.6076, 0.3558



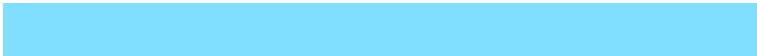
1.4546, 0.5859, 0.3730

Inverse Universe

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



69.0101, 0.2502, 0.2976



64.4589, 0.2398, 0.2905



44.0833, 0.2393, 0.2316



19.6598, 0.2980, 0.3229



23.4192, 0.2014, 0.2449



2.4542, 0.2044, 0.2557

Previews

White Background



This preview shows how the Yxy color 54.0581, 0.4096, 0.3576 looks on a white background.

Color Contrast Check

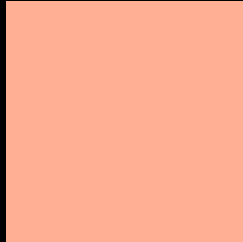
Large Text (above 18pt) WCAG AA × Fail

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 54.0581, 0.4096, 0.3576 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 54.0581, 0.4096, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 54.0581, 0.4096, 0.3576.



This preview shows how white text looks on a background with the Yxy color 54.0581, 0.4096, 0.3576.

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

54.0581, 0.4096, 0.3576

Protanopia

54.1397, 0.3514, 0.3743

Deuteranopia

54.2740, 0.3830, 0.3761



Tritanopia

54.2257, 0.3774, 0.3166

Trichromacy



Original Color

54.0581, 0.4096, 0.3576



Protanomaly

53.7210, 0.3719, 0.3676



Deuteranomaly

54.1507, 0.3918, 0.3693



Tritanomaly

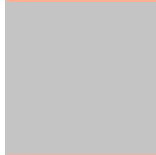
54.0874, 0.3892, 0.3313

Monochromacy



Original Color

54.0581, 0.4096, 0.3576



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.9728, 0.3445, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0581, 0.4096, 0.3576 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, 175, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 148)  
}
```

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, 175, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 148) }
```

Border

The CSS property to change the border of an element to Yxy 54.0581, 0.4096, 0.3576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

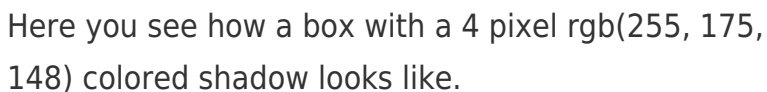
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 148) }
```

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

```
.border{ border-color:rgb(255, 175, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 175, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0581, 0.4096, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 148) }
```

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

```
.background{ background-color: rgb(255,  
175, 148) }
```

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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