

Converting Colors

$Yxy(87.8549, 0.4898, 0.3390)$

Have a look what the booklet for
Yxy(87.8549, 0.4898, 0.3390)
contains.

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Color

Yxy(54.9193, 0.3964, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A2
RGB	255, 176, 162
RGB Percent	100%, 69%, 64%
CMY	0.0000, 0.3098, 0.3647
CMYK	0.00, 0.31, 0.36, 0.00
HSL	9°, 100%, 82%
HSV	9°, 36%, 100%
XYZ	63.2849, 54.9193, 41.4449
YIQ	198.0250, 51.5780, 12.3940

Conversions

Conversions Part 2

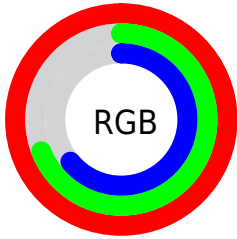
Format	Color
R _Y B	255, 178, 162
Decimal	16756898
CIE Lab	78.99, 27.15, 18.84
CIE LCh	79, 33.044, 34.761
Yxy	54.9193, 0.3964, 0.3440
Android (android.graphics.Color)	4294946978 (0xFFFFB0A2)
YUV	198.0250, -17.7603, 49.9671
Hunter-Lab	74.1076, 22.7437, 18.7171

Details

The Yxy color **54.9193, 0.3964, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.7994, 0.2592, 0.3132**, and the grayscale version is **56.5758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9830, 0.3385, 0.3440**, and **27.0275, 0.4191, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **46.2785, 0.4311, 0.3480**, and if you desaturate by 10%, it is **65.1040, 0.3673, 0.3397**.

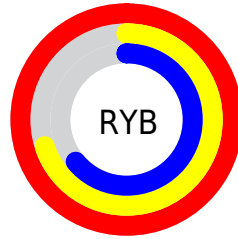
Distribution



Red (100%)

Green (69%)

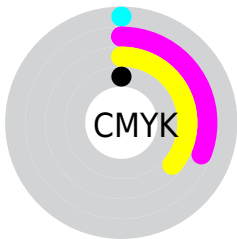
Blue (64%)



Red (100%)

Yellow (70%)

Blue (64%)

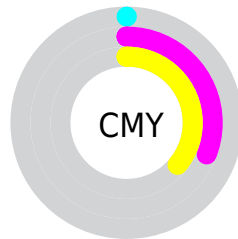


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9193, 0.3964, 0.3440 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 54.9193, 0.3964, 0.3440 by changing the saturation by 10% instead.


 54.9193, 0.3964,
0.3440


 54.9193, 0.3964,
0.3440


405.6060, 0.3553,
0.3381

 39.3371, 0.4064,
0.3450


 97.4227, 0.3817,
0.3422

 27.0221, 0.4190,
0.3461


 125.1127, 0.3761,
0.3414

 17.5898, 0.4354,
0.3471


157.6075, 0.3713,
0.3407

 10.6559, 0.4575,
0.3477

195.2913, 0.3672,
0.3401

 5.8360, 0.4888,
0.3471

238.5487, 0.3636,
0.3395

 2.7456, 0.5356,
0.3430

287.7640, 0.3605,

 1.0004, 0.6510,

0.3390

0.3490

343.3216, 0.3577,
0.3385

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.9193, 0.3964,
0.3440

54.9193, 0.3964,
0.3440

46.2785, 0.4311,
0.3480

65.1040, 0.3673,
0.3397

39.0985, 0.4710,
0.3511

76.8948, 0.3432,
0.3355

33.3002, 0.5144,
0.3526

90.3601, 0.3235,
0.3315

28.7937, 0.5576,
0.3517

99.9989, 0.3127,
0.3290

■ 25.4784, 0.5951,
0.3479

■ 23.2380, 0.6214,
0.3416

■ 22.6725, 0.6281,
0.3395

Harmonies

Analogous

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



54.9193, 0.3707, 0.3092



54.9193, 0.3964, 0.3440



54.9193, 0.3974, 0.3778

Triad

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



54.9193, 0.3964, 0.3440



54.9193, 0.2925, 0.3863



54.9193, 0.2515, 0.2593

Complementary

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



54.9193, 0.3964, 0.3440



77.7994, 0.2592, 0.3132

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.



54.9193, 0.2340, 0.2735



54.9193, 0.3964, 0.3440



54.9193, 0.2563, 0.3468

Square

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



54.9193, 0.3964, 0.3440



54.9193, 0.3358, 0.4069



54.9193, 0.2357, 0.3046



54.9193, 0.2853, 0.2623

Rectangle

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



54.9193, 0.3964, 0.3440



54.9193, 0.3845, 0.3957



54.9193, 0.2357, 0.3046



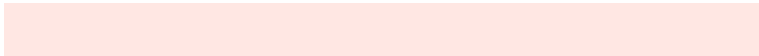
54.9193, 0.2436, 0.2621

Sweetspot

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



54.9219, 0.3964, 0.3440



84.0542, 0.3319, 0.3332



53.4517, 0.3283, 0.2505



17.6014, 0.3346, 0.3338



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.



54.9219, 0.3964, 0.3440



48.2774, 0.4220, 0.3470



76.3465, 0.3788, 0.3908



18.4287, 0.3291, 0.3327



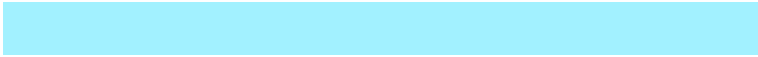
11.9787, 0.6260, 0.3411



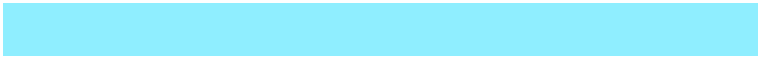
1.2902, 0.6075, 0.3559

Inverse Universe

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



77.7994, 0.2592, 0.3132



74.2447, 0.2498, 0.3094



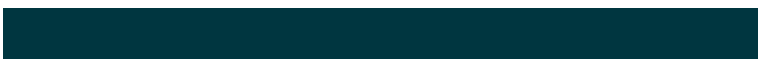
53.7273, 0.2514, 0.2579



19.9875, 0.2980, 0.3253



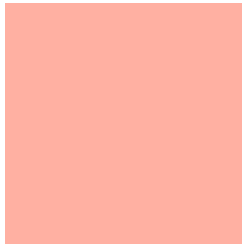
29.7651, 0.2112, 0.2803



3.0190, 0.2129, 0.2864

Previews

White Background



This preview shows how the Yxy color 54.9193, 0.3964, 0.3440 looks on a white background.

Color Contrast Check

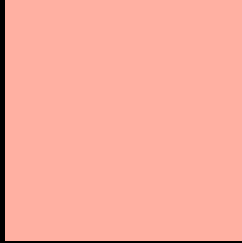
Large Text (above 18pt) WCAG AA × Fail

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 54.9193, 0.3964, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

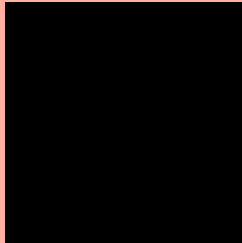
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9193, 0.3964, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 54.9193, 0.3964, 0.3440.



This preview shows how white text looks on a background with the Yxy color 54.9193, 0.3964, 0.3440.

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

54.9193, 0.3964, 0.3440

Protanopia

54.9879, 0.3385, 0.3570

Deuteranopia

54.8354, 0.3691, 0.3614



Tritanopia

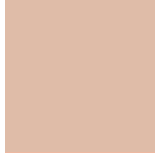
55.0773, 0.3750, 0.3166

Trichromacy



Original Color

54.9193, 0.3964, 0.3440



Protanomaly

54.4816, 0.3589, 0.3524



Deuteranomaly

54.8587, 0.3784, 0.3549



Tritanomaly

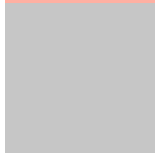
55.0943, 0.3830, 0.3271

Monochromacy



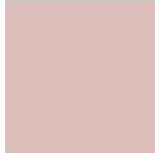
Original Color

54.9193, 0.3964, 0.3440



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.3898, 0.3409, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9193, 0.3964, 0.3440 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 162) }
```

Border

The CSS property to change the border of an element to Yxy 54.9193, 0.3964, 0.3440 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, 162) }
```

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

```
.border{ border-color:rgb(255, 176, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9193, 0.3964, 0.3440 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
176, 162) }
```

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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