

Converting Colors

Yxy(56.4237, 0.4074, 0.3433)

Have a look what the booklet for
Yxy(56.4237, 0.4074, 0.3433)
contains.

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Color

Yxy(54.4932, 0.3977, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA1
RGB	255, 175, 161
RGB Percent	100%, 69%, 63%
CMY	0.0000, 0.3137, 0.3686
CMYK	0.00, 0.31, 0.37, 0.00
HSL	9°, 100%, 82%
HSV	9°, 37%, 100%
XYZ	62.9998, 54.4932, 40.9174
YIQ	197.3240, 52.1740, 12.6060

Conversions

Conversions Part 2

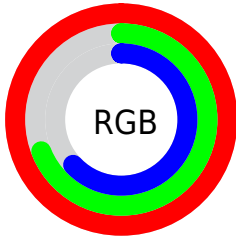
Format	Color
R _Y B	255, 177, 161
Decimal	16756641
CIE Lab	78.75, 27.55, 19.03
CIE LCh	79, 33.487, 34.637
Yxy	54.4932, 0.3977, 0.3440
Android (android.graphics.Color)	4294946721 (0xFFFFAFA1)
YUV	197.3240, -17.9077, 50.5819
Hunter-Lab	73.8195, 23.1533, 18.8098

Details

The Yxy color **54.4932, 0.3977, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.6952, 0.2587, 0.3132**, and the grayscale version is **56.1292, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3697, 0.3393, 0.3441**, and **26.7590, 0.4210, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **45.9067, 0.4326, 0.3479**, and if you desaturate by 10%, it is **64.6255, 0.3683, 0.3398**.

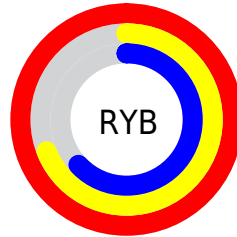
Distribution



Red (100%)

Green (69%)

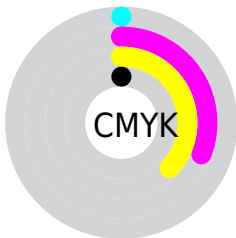
Blue (63%)



Red (100%)

Yellow (69%)

Blue (63%)

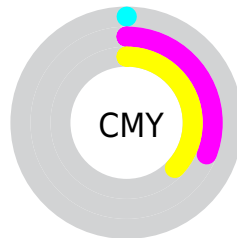


Cyan (0%)

Magenta (31%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4932, 0.3977, 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 54.4932, 0.3977, 0.3440 by changing the saturation by 10% instead.

 54.4932, 0.3977,
0.3440


 54.4932, 0.3977,
0.3440


403.9879, 0.3559,
0.3381

 38.9961, 0.4078,
0.3450


 96.7980, 0.3827,
0.3422

 26.7567, 0.4207,
0.3460


 124.3745, 0.3770,
0.3414

 17.3906, 0.4374,
0.3470


156.7463, 0.3722,
0.3407

 10.5134, 0.4600,
0.3475


194.2977, 0.3680,
0.3401

 5.7406, 0.4919,
0.3467

237.4132, 0.3644,
0.3395

 2.6880, 0.5396,
0.3421

286.4772, 0.3612,

 0.9711, 0.6544,

0.3390

0.3456

341.8739, 0.3584,
0.3385

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4932, 0.3977,
0.3440

54.4932, 0.3977,
0.3440

45.9067, 0.4326,
0.3479

64.6255, 0.3683,
0.3398

38.7822, 0.4728,
0.3509

76.3664, 0.3441,
0.3356

33.0399, 0.5163,
0.3523

89.7847, 0.3242,
0.3316

28.5891, 0.5595,
0.3513

99.9976, 0.3127,
0.3290

■ 25.3280, 0.5967,
0.3474

■ 23.1385, 0.6224,
0.3412

■ 22.6442, 0.6283,
0.3393

Harmonies

Analogous

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



54.4932, 0.3715, 0.3088



54.4932, 0.3977, 0.3440



54.4932, 0.3988, 0.3783

Triad

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



54.4932, 0.3977, 0.3440



54.4932, 0.2923, 0.3875



54.4932, 0.2504, 0.2583

Complementary

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



54.4932, 0.3977, 0.3440



77.6952, 0.2587, 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.



54.4932, 0.2329, 0.2727



54.4932, 0.3977, 0.3440



54.4932, 0.2556, 0.3472

Square

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



54.4932, 0.3977, 0.3440



54.4932, 0.3363, 0.4083



54.4932, 0.2345, 0.3043



54.4932, 0.2847, 0.2613

Rectangle

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



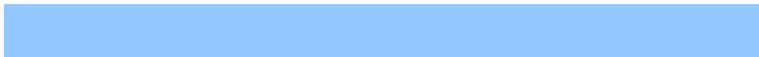
54.4932, 0.3977, 0.3440



54.4932, 0.3857, 0.3966



54.4932, 0.2345, 0.3043



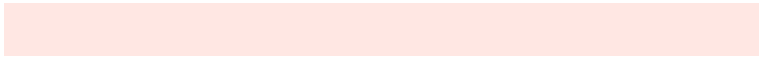
54.4932, 0.2425, 0.2611

Sweetspot

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



54.4958, 0.3977, 0.3440



84.0284, 0.3319, 0.3332



53.1872, 0.3272, 0.2483



17.5953, 0.3346, 0.3337



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.



54.4958, 0.3977, 0.3440



48.2137, 0.4221, 0.3468



75.2945, 0.3802, 0.3900



18.4238, 0.3291, 0.3326



11.9635, 0.6263, 0.3409



1.2879, 0.6078, 0.3556

Inverse Universe

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



77.6952, 0.2587, 0.3132



74.3521, 0.2498, 0.3096



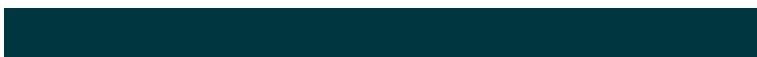
54.0356, 0.2510, 0.2590



19.9928, 0.2980, 0.3254



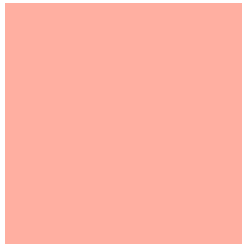
29.8763, 0.2114, 0.2809



3.0288, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 54.4932, 0.3977, 0.3440 looks on a white background.

Color Contrast Check

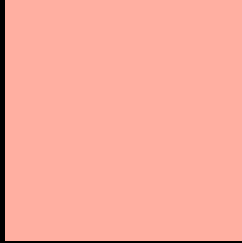
Large Text (above 18pt) WCAG AA × Fail

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 54.4932, 0.3977, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

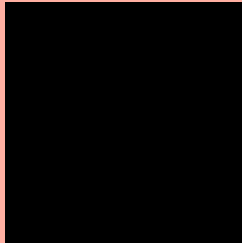
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4932, 0.3977, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 54.4932, 0.3977, 0.3440.



This preview shows how white text looks on a background with the Yxy color 54.4932, 0.3977, 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

54.4932, 0.3977, 0.3440

Protanopia

54.8079, 0.3385, 0.3583

Deuteranopia

54.8005, 0.3700, 0.3626



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.4932, 0.3977, 0.3440

Protanomaly

54.4444, 0.3597, 0.3536

Deuteranomaly

54.4096, 0.3797, 0.3549

Tritanomaly

54.6667, 0.3842, 0.3271

Monochromacy



Original Color

54.4932, 0.3977, 0.3440

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.7613, 0.3411, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4932, 0.3977, 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, 175, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 161) }
```

Border

The CSS property to change the border of an element to Yxy 54.4932, 0.3977, 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, 175, 161) }
```

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

```
.border{ border-color:rgb(255, 175, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 175, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 175, 161); box-shadow:4px 4px 4px 4px rgb(255, 175, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4932, 0.3977, 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, 175, 161) }
```

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

```
.background{ background-color: rgb(255,  
175, 161) }
```

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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