

Converting Colors

$Yxy(76.7073, 0.4666, 0.3379)$

Have a look what the booklet for
Yxy(76.7073, 0.4666, 0.3379)
contains.

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Color

Yxy(54.6003, 0.3950, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA4
RGB	255, 175, 164
RGB Percent	100%, 69%, 64%
CMY	0.0000, 0.3138, 0.3568
CMYK	0.00, 0.31, 0.36, 0.00
HSL	7°, 100%, 82%
HSV	7°, 36%, 100%
XYZ	63.2838, 54.6003, 42.3280
YIQ	197.6660, 51.2110, 13.5390

Conversions

Conversions Part 2

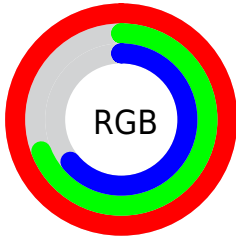
Format	Color
R _Y B	255, 177, 164
Decimal	16756644
CIE Lab	78.81, 27.94, 17.50
CIE LCh	79, 32.967, 32.062
Yxy	54.6003, 0.3950, 0.3408
Android (android.graphics.Color)	4294946724 (0xFFFFAFA4)
YUV	197.6660, -16.5973, 50.2819
Hunter-Lab	73.8920, 23.5628, 17.7609

Details

The Yxy color **54.6003, 0.3950, 0.3408** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.8285, 0.2607, 0.3167**, and the grayscale version is **56.3314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5263, 0.3373, 0.3410**, and **26.8247, 0.4172, 0.3428** is the 20% darker color. If you saturate the color by 10%, you get **45.7483, 0.4300, 0.3440**, and if you desaturate by 10%, it is **65.0740, 0.3657, 0.3374**.

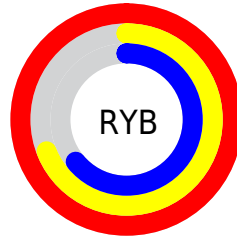
Distribution



Red (100%)

Green (69%)

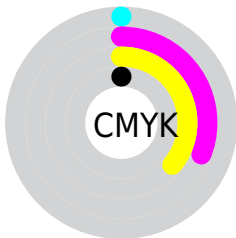
Blue (64%)



Red (100%)

Yellow (69%)

Blue (64%)

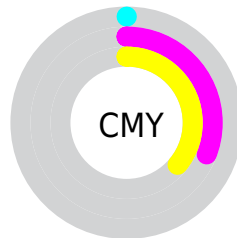


Cyan (0%)

Magenta (31%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.6003, 0.3950, 0.3408 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 54.6003, 0.3950, 0.3408 by changing the saturation by 10% instead.


 54.6003, 0.3950,
0.3408


 54.6003, 0.3950,
0.3408


404.3950, 0.3545,
0.3363

 39.0818, 0.4048,
0.3415


 96.9551, 0.3805,
0.3395

 26.8234, 0.4173,
0.3422


 124.5602, 0.3750,
0.3389

 17.4406, 0.4335,
0.3427


156.9629, 0.3703,
0.3384

 10.5491, 0.4555,
0.3427

194.5476, 0.3662,
0.3379

 5.7645, 0.4866,
0.3414

237.6988, 0.3627,
0.3375

 2.7024, 0.5335,
0.3363

286.8009, 0.3597,

 0.9784, 0.6560,

0.3371

0.3440

342.2381, 0.3569,
0.3367

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.6003, 0.3950,
0.3408

54.6003, 0.3950,
0.3408

45.7483, 0.4300,
0.3440

65.0740, 0.3657,
0.3374

38.4539, 0.4706,
0.3465

77.2646, 0.3417,
0.3340

32.6210, 0.5150,
0.3477

91.2377, 0.3222,
0.3307

28.1504, 0.5594,
0.3470

100.0000, 0.3127,
0.3290

■ 24.9305, 0.5977,
0.3438

■ 22.8316, 0.6241,
0.3387

■ 22.2276, 0.6318,
0.3366

Harmonies

Analogous

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



54.6003, 0.3674, 0.3063



54.6003, 0.3950, 0.3408



54.6003, 0.3984, 0.3750

Triad

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



54.6003, 0.3950, 0.3408



54.6003, 0.2963, 0.3891



54.6003, 0.2492, 0.2599

Complementary

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



54.6003, 0.3950, 0.3408



79.8285, 0.2607, 0.3167

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.



54.6003, 0.2334, 0.2757



54.6003, 0.3950, 0.3408



54.6003, 0.2590, 0.3507

Square

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



54.6003, 0.3950, 0.3408



54.6003, 0.3397, 0.4075



54.6003, 0.2368, 0.3081



54.6003, 0.2817, 0.2614

Rectangle

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



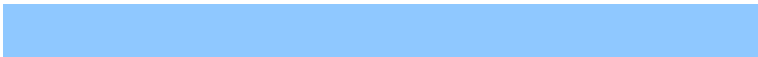
54.6003, 0.3950, 0.3408



54.6003, 0.3868, 0.3936



54.6003, 0.2368, 0.3081



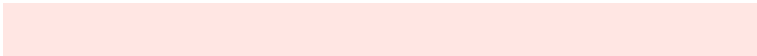
54.6003, 0.2419, 0.2632

Sweetspot

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



54.5942, 0.3950, 0.3408



83.5829, 0.3320, 0.3324



54.3684, 0.3254, 0.2495



17.4900, 0.3347, 0.3329



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.



54.5942, 0.3950, 0.3408



47.9664, 0.4200, 0.3432



75.1896, 0.3782, 0.3865



18.3399, 0.3291, 0.3319



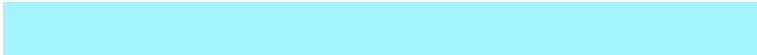
11.7244, 0.6300, 0.3380



1.2486, 0.6135, 0.3511

Inverse Universe

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



79.8285, 0.2607, 0.3167



76.6405, 0.2517, 0.3137



55.9084, 0.2533, 0.2634



20.0853, 0.2980, 0.3261



31.8439, 0.2140, 0.2904



3.2015, 0.2153, 0.2952

Previews

White Background



This preview shows how the Yxy color 54.6003, 0.3950, 0.3408 looks on a white background.

Color Contrast Check

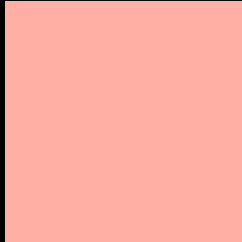
Large Text (above 18pt) WCAG AA × Fail

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 54.6003, 0.3950, 0.3408 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 54.6003, 0.3950, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 54.6003, 0.3950, 0.3408.



This preview shows how white text looks on a background with the Yxy color 54.6003, 0.3950, 0.3408.

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

54.6003, 0.3950, 0.3408

Protanopia

54.9236, 0.3361, 0.3546

Deuteranopia

54.7438, 0.3666, 0.3592



Tritanopia

54.6499, 0.3762, 0.3166

Trichromacy



Original Color

54.6003, 0.3950, 0.3408

Protanomaly

54.5567, 0.3572, 0.3501

Deuteranomaly

54.5158, 0.3770, 0.3515

Tritanomaly

54.7064, 0.3833, 0.3261

Monochromacy



Original Color

54.6003, 0.3950, 0.3408

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.4322, 0.3401, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.6003, 0.3950, 0.3408 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 54.6003, 0.3950, 0.3408 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, 164) }
```

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

```
.border{ border-color:rgb(255, 175, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 54.6003, 0.3950, 0.3408 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
175, 164) }
```

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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