

Converting Colors

$Y_{xy}(52.3021, 0.3961, 0.3324)$

Have a look what the booklet for
Yxy(52.3021, 0.3961, 0.3324)
contains.

Yxy(52.3891, 0.3954, 0.3324)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3891, 0.3954, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9A6
RGB	255, 169, 166
RGB Percent	100%, 66%, 65%
CMY	0.0000, 0.3373, 0.3490
CMYK	0.00, 0.34, 0.35, 0.00
HSL	2°, 100%, 83%
HSV	2°, 35%, 100%
XYZ	62.3184, 52.3891, 42.9011
YIQ	194.3720, 52.2190, 17.2990

Conversions

Conversions Part 2

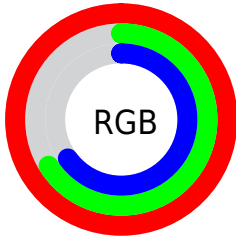
Format	Color
R _Y B	255, 169, 166
Decimal	16755110
CIE Lab	77.51, 31.30, 14.61
CIE LCh	78, 34.541, 25.018
Yxy	52.3891, 0.3954, 0.3324
Android (android.graphics.Color)	4294945190 (0xFFFFA9A6)
YUV	194.3720, -13.9874, 53.1708
Hunter-Lab	72.3803, 27.0205, 15.5240

Details

The Yxy color **52.3891, 0.3954, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.9491, 0.2629, 0.3256**, and the grayscale version is **54.2378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3309, 0.3367, 0.3331**, and **25.4414, 0.4182, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **43.2211, 0.4322, 0.3334**, and if you desaturate by 10%, it is **63.4641, 0.3650, 0.3314**.

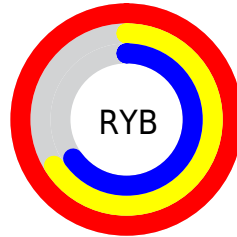
Distribution



Red (100%)

Green (66%)

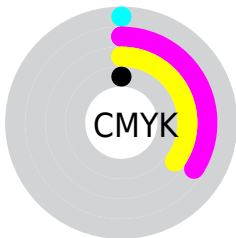
Blue (65%)



Red (100%)

Yellow (66%)

Blue (65%)

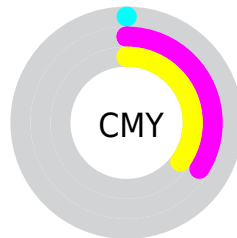


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3891, 0.3954, 0.3324 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 52.3891, 0.3954, 0.3324 by changing the saturation by 10% instead.


 52.3891, 0.3954,
0.3324


 52.3891, 0.3954,
0.3324


395.9369, 0.3544,
0.3319

 37.3153, 0.4054,
0.3322


 93.7048, 0.3806,
0.3325

 25.4517, 0.4182,
0.3317


 120.7156, 0.3751,
0.3325

 16.4139, 0.4349,
0.3307


152.4741, 0.3703,
0.3324

 9.8175, 0.4578,
0.3288

189.3647, 0.3663,
0.3323

 5.2781, 0.4905,
0.3248

231.7719, 0.3627,
0.3322

 2.4114, 0.5407,
0.3158

280.0801, 0.3596,

 0.8317, 0.6809,

0.3321

0.3191

334.6736, 0.3569,
0.3320

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.3891, 0.3954,
0.3324

52.3891, 0.3954,
0.3324

43.2211, 0.4322,
0.3334

63.4641, 0.3650,
0.3314

35.8609, 0.4753,
0.3341

76.5551, 0.3405,
0.3304

30.1864, 0.5226,
0.3345

91.7517, 0.3209,
0.3294

26.0640, 0.5691,
0.3342

100.0000, 0.3127,
0.3290

■ 23.3404, 0.6077,
0.3332

■ 21.8307, 0.6318,
0.3317

■ 21.4464, 0.6384,
0.3313

Harmonies

Analogous

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



52.3891, 0.3610, 0.2971



52.3891, 0.3954, 0.3324



52.3891, 0.4053, 0.3693

Triad

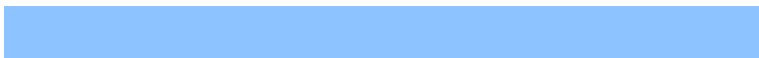
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.3891, 0.3954, 0.3324



52.3891, 0.3057, 0.4002



52.3891, 0.2399, 0.2581

Complementary

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



52.3891, 0.3954, 0.3324



84.9491, 0.2629, 0.3256

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.



52.3891, 0.2279, 0.2789



52.3891, 0.3954, 0.3324



52.3891, 0.2638, 0.3628

Square

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



52.3891, 0.3954, 0.3324



52.3891, 0.3515, 0.4131



52.3891, 0.2361, 0.3166



52.3891, 0.2704, 0.2556

Rectangle

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



52.3891, 0.3954, 0.3324



52.3891, 0.3968, 0.3909



52.3891, 0.2361, 0.3166



52.3891, 0.2337, 0.2629

Sweetspot

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



52.3861, 0.3954, 0.3324



83.7386, 0.3303, 0.3299



55.5611, 0.3191, 0.2447



17.4716, 0.3331, 0.3300



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.



52.3861, 0.3954, 0.3324



45.6915, 0.4208, 0.3331



71.8355, 0.3791, 0.3781



18.0850, 0.3294, 0.3299



11.2486, 0.6377, 0.3318



1.1282, 0.6322, 0.3362

Inverse Universe

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



84.9491, 0.2629, 0.3256



82.7471, 0.2546, 0.3248



60.2098, 0.2559, 0.2741



20.3703, 0.2980, 0.3281



38.3911, 0.2218, 0.3184



3.7696, 0.2221, 0.3197

Previews

White Background



This preview shows how the Yxy color 52.3891, 0.3954, 0.3324 looks on a white background.

Color Contrast Check

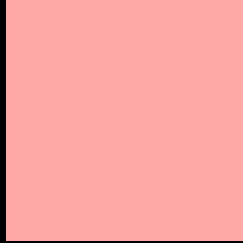
Large Text (above 18pt) WCAG AA × Fail

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 52.3891, 0.3954, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

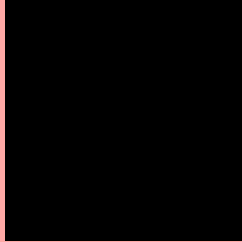
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3891, 0.3954, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 52.3891, 0.3954, 0.3324.



This preview shows how white text looks on a background with the Yxy color 52.3891, 0.3954, 0.3324.

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

52.3891, 0.3954, 0.3324

Protanopia

52.6181, 0.3294, 0.3451

Deuteranopia

52.7144, 0.3622, 0.3550



Tritanopia

52.5606, 0.3824, 0.3166

Trichromacy



Original Color

52.3891, 0.3954, 0.3324



Protanomaly

51.9830, 0.3515, 0.3397



Deuteranomaly

52.2442, 0.3739, 0.3462



Tritanomaly

52.3604, 0.3871, 0.3219

Monochromacy



Original Color

52.3891, 0.3954, 0.3324



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.7575, 0.3400, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3891, 0.3954, 0.3324 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, 169, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 166)  
}
```

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, 169, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 166) }
```

Border

The CSS property to change the border of an element to Yxy 52.3891, 0.3954, 0.3324 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, 169, 166) }
```

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

```
.border{ border-color:rgb(255, 169, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3891, 0.3954, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 166) }
```

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

```
.background{ background-color: rgb(255,  
169, 166) }
```

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