

Converting Colors

$Y_{xy}(55.4385, 0.4105, 0.3302)$

Have a look what the booklet for
Yxy(55.4385, 0.4105, 0.3302)
contains.

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Color

Yxy(52.0553, 0.3948, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8A7
RGB	255, 168, 167
RGB Percent	100%, 66%, 65%
CMY	0.0000, 0.3412, 0.3451
CMYK	0.00, 0.34, 0.35, 0.00
HSL	1°, 100%, 83%
HSV	1°, 35%, 100%
XYZ	62.2205, 52.0553, 43.3243
YIQ	193.8990, 52.1730, 18.1330

Conversions

Conversions Part 2

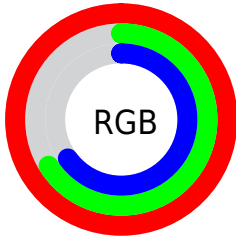
Format	Color
R_{YB}	255, 168, 167
Decimal	16754855
CIE _{Lab}	77.31, 31.93, 13.78
CIE _{LCh}	77, 34.778, 23.349
Yxy	52.0553, 0.3948, 0.3303
Android (android.graphics.Color)	4294944935 (0xFFFFA8A7)
YUV	193.8990, -13.2612, 53.5856
Hunter-Lab	72.1494, 27.6743, 14.9021

Details

The Yxy color **52.0553, 0.3948, 0.3303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.3143, 0.2636, 0.3278**, and the grayscale version is **53.9418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8452, 0.3362, 0.3311**, and **25.2350, 0.4175, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **42.7806, 0.4319, 0.3307**, and if you desaturate by 10%, it is **63.3203, 0.3643, 0.3299**.

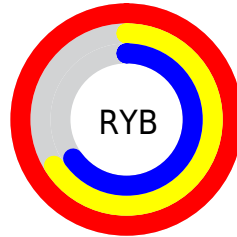
Distribution



Red (100%)

Green (66%)

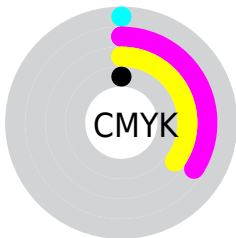
Blue (65%)



Red (100%)

Yellow (66%)

Blue (65%)

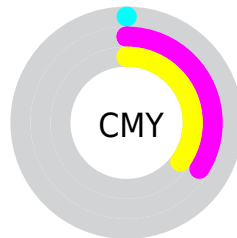


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0553, 0.3948, 0.3303 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 52.0553, 0.3948, 0.3303 by changing the saturation by 10% instead.


 52.0553, 0.3948,
0.3303


 52.0553, 0.3948,
0.3303


394.6501, 0.3541,
0.3308

 37.0492, 0.4048,
0.3298


 93.2128, 0.3801,
0.3307

 25.2456, 0.4175,
0.3291


 120.1329, 0.3746,
0.3308

 16.2601, 0.4342,
0.3278


151.7932, 0.3699,
0.3309

 9.7084, 0.4570,
0.3254

188.5779, 0.3658,
0.3309

 5.2060, 0.4897,
0.3209

230.8716, 0.3623,
0.3309

 2.3687, 0.5401,
0.3111

279.0586, 0.3592,

 0.8097, 0.6856,

0.3309

0.3144

333.5233, 0.3565,
0.3308

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0553, 0.3948,
0.3303

52.0553, 0.3948,
0.3303

42.7806, 0.4319,
0.3307

63.3203, 0.3643,
0.3299

35.3800, 0.4755,
0.3310

76.6814, 0.3398,
0.3295

29.7263, 0.5234,
0.3313

92.2376, 0.3202,
0.3292

25.6759, 0.5704,
0.3312

100.0000, 0.3127,
0.3290

■ 23.0628, 0.6091,
0.3310

■ 21.6849, 0.6327,
0.3305

■ 21.3233, 0.6395,
0.3304

Harmonies

Analogous

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



52.0553, 0.3590, 0.2950



52.0553, 0.3948, 0.3303



52.0553, 0.4063, 0.3676

Triad

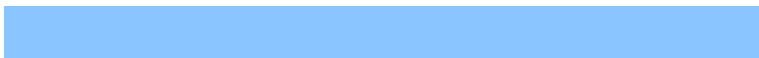
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0553, 0.3948, 0.3303



52.0553, 0.3082, 0.4023



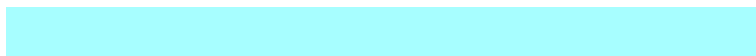
52.0553, 0.2381, 0.2581

Complementary

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



52.0553, 0.3948, 0.3303



86.3143, 0.2636, 0.3278

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.



52.0553, 0.2271, 0.2801



52.0553, 0.3948, 0.3303



52.0553, 0.2654, 0.3656

Square

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



52.0553, 0.3948, 0.3303



52.0553, 0.3542, 0.4138



52.0553, 0.2366, 0.3190



52.0553, 0.2679, 0.2547

Rectangle

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



52.0553, 0.3948, 0.3303



52.0553, 0.3987, 0.3898



52.0553, 0.2366, 0.3190



52.0553, 0.2322, 0.2634

Sweetspot

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



52.0555, 0.3948, 0.3303



83.4229, 0.3304, 0.3293



56.1154, 0.3167, 0.2431



17.3961, 0.3332, 0.3294



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.



52.0555, 0.3948, 0.3303



45.8182, 0.4181, 0.3306



70.6370, 0.3792, 0.3746



18.0203, 0.3294, 0.3293



11.1563, 0.6393, 0.3306



1.0975, 0.6374, 0.3321

Inverse Universe

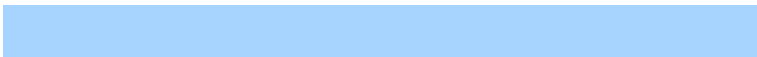
The Inverse Universe completely reimagines the original color for something new.



86.3143, 0.2636, 0.3278



84.5062, 0.2561, 0.3275



62.0221, 0.2570, 0.2783



20.4437, 0.2980, 0.3287



40.1947, 0.2237, 0.3253



3.9246, 0.2238, 0.3257

Previews

White Background



This preview shows how the Yxy color 52.0553, 0.3948, 0.3303 looks on a white background.

Color Contrast Check

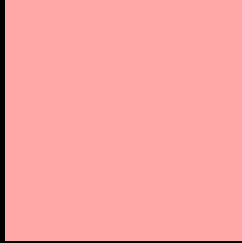
Large Text (above 18pt) WCAG AA × Fail

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 52.0553, 0.3948, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

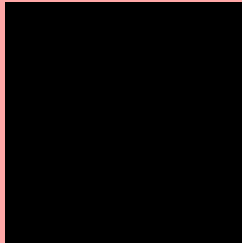
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0553, 0.3948, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 52.0553, 0.3948, 0.3303.



This preview shows how white text looks on a background with the Yxy color 52.0553, 0.3948, 0.3303.

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

52.0553, 0.3948, 0.3303

Protanopia

52.5220, 0.3278, 0.3439

Deuteranopia

52.1770, 0.3607, 0.3528



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

52.0553, 0.3948, 0.3303



Protanomaly

52.0222, 0.3507, 0.3385



Deuteranomaly

51.8810, 0.3733, 0.3439



Tritanomaly

51.9926, 0.3875, 0.3208

Monochromacy



Original Color

52.0553, 0.3948, 0.3303



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 52.0553, 0.3948, 0.3303 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, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 167)  
}
```

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, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 167) }
```

Border

The CSS property to change the border of an element to Yxy 52.0553, 0.3948, 0.3303 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, 168, 167) }
```

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

```
.border{ border-color:rgb(255, 168, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0553, 0.3948, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 167) }
```

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

```
.background{ background-color: rgb(255,  
168, 167) }
```

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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