

Converting Colors

$Y_{xy}(54.9592, 0.3911, 0.3372)$

Have a look what the booklet for
Yxy(54.9592, 0.3911, 0.3372)
contains.

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Color

Yxy(55.1378, 0.3909, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0A8
RGB	255, 176, 168
RGB Percent	100%, 69%, 66%
CMY	0.0001, 0.3097, 0.3413
CMYK	0.00, 0.31, 0.34, 0.00
HSL	6°, 100%, 83%
HSV	6°, 34%, 100%
XYZ	63.8240, 55.1378, 44.3127
YIQ	198.7090, 49.6520, 14.2600

Conversions

Conversions Part 2

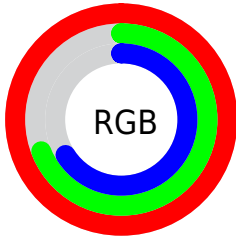
Format	Color
R _Y B	255, 177, 168
Decimal	16756904
CIE Lab	79.12, 27.84, 15.79
CIE LCh	79, 32.006, 29.557
Yxy	55.1378, 0.3909, 0.3377
Android (android.graphics.Color)	4294946984 (0xFFFFB0A8)
YUV	198.7090, -15.1395, 49.3672
Hunter-Lab	74.2548, 23.4795, 16.5962

Details

The Yxy color **55.1378, 0.3909, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.0182, 0.2631, 0.3200**, and the grayscale version is **56.9982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3009, 0.3345, 0.3380**, and **27.1626, 0.4115, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **45.9663, 0.4257, 0.3402**, and if you desaturate by 10%, it is **66.0475, 0.3620, 0.3350**.

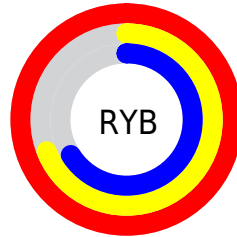
Distribution



Red (100%)

Green (69%)

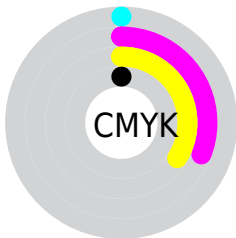
Blue (66%)



Red (100%)

Yellow (69%)

Blue (66%)

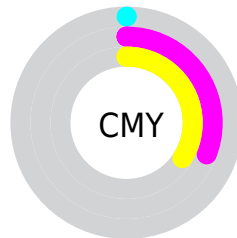


Cyan (0%)

Magenta (31%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1378, 0.3909, 0.3377 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 55.1378, 0.3909, 0.3377 by changing the saturation by 10% instead.


 55.1378, 0.3909,
0.3377


 55.1378, 0.3909,
0.3377


406.4341, 0.3525,
0.3346

 39.5121, 0.4002,
0.3381

 97.7428, 0.3771,
0.3368

 27.1583, 0.4120,
0.3385

 125.4909, 0.3719,
0.3364

 17.6922, 0.4274,
0.3386


158.0485, 0.3675,
0.3361

 10.7292, 0.4482,
0.3382

195.8001, 0.3636,
0.3357

 5.8850, 0.4779,
0.3366

239.1301, 0.3603,
0.3354

 2.7753, 0.5228,
0.3314

288.4228, 0.3574,

 1.0156, 0.6538,

0.3351

0.3462

344.0627, 0.3548,
0.3349

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.1378, 0.3909,
0.3377

55.1378, 0.3909,
0.3377

45.9663, 0.4257,
0.3402

66.0475, 0.3620,
0.3350

38.4358, 0.4665,
0.3422

78.7704, 0.3385,
0.3324

32.4515, 0.5115,
0.3433

93.3866, 0.3195,
0.3300

27.9059, 0.5570,
0.3428

99.9949, 0.3127,
0.3290

■ 24.6773, 0.5969,
0.3405

■ 22.6240, 0.6246,
0.3366

■ 21.8909, 0.6346,
0.3343

Harmonies

Analogous

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



55.1378, 0.3626, 0.3044



55.1378, 0.3909, 0.3377



55.1378, 0.3963, 0.3712

Triad

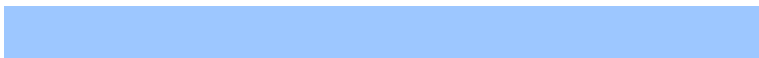
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.1378, 0.3909, 0.3377



55.1378, 0.3003, 0.3894



55.1378, 0.2492, 0.2626

Complementary

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



55.1378, 0.3909, 0.3377



82.0182, 0.2631, 0.3200

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.



55.1378, 0.2353, 0.2795



55.1378, 0.3909, 0.3377



55.1378, 0.2633, 0.3535

Square

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



55.1378, 0.3909, 0.3377



55.1378, 0.3423, 0.4052



55.1378, 0.2402, 0.3121



55.1378, 0.2796, 0.2626

Rectangle

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



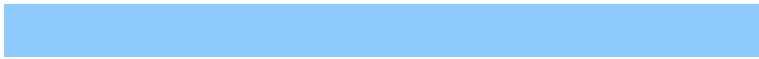
55.1378, 0.3909, 0.3377



55.1378, 0.3864, 0.3897



55.1378, 0.2402, 0.3121



55.1378, 0.2426, 0.2664

Sweetspot

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



55.1404, 0.3909, 0.3377



84.5785, 0.3302, 0.3314



56.0118, 0.3224, 0.2504



17.6727, 0.3329, 0.3317



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.



55.1404, 0.3909, 0.3377



48.6591, 0.4142, 0.3395



74.6007, 0.3758, 0.3812



18.2570, 0.3292, 0.3313



11.5313, 0.6331, 0.3355



1.2096, 0.6193, 0.3465

Inverse Universe

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



82.0182, 0.2631, 0.3200



79.2526, 0.2546, 0.3179



58.8335, 0.2565, 0.2703



20.1772, 0.2980, 0.3267



33.8767, 0.2166, 0.2997



3.3788, 0.2176, 0.3033

Previews

White Background



This preview shows how the Yxy color 55.1378, 0.3909, 0.3377 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 55.1378, 0.3909, 0.3377 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 55.1378, 0.3909, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 55.1378, 0.3909, 0.3377.



This preview shows how white text looks on a background with the Yxy color 55.1378, 0.3909, 0.3377.

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

55.1378, 0.3909, 0.3377

Protanopia

55.5316, 0.3328, 0.3509

Deuteranopia

55.3171, 0.3629, 0.3556



Tritanopia

55.1200, 0.3741, 0.3156

Trichromacy



Original Color

55.1378, 0.3909, 0.3377

Protanomaly

55.1392, 0.3536, 0.3465

Deuteranomaly

55.0755, 0.3732, 0.3482

Tritanomaly

55.2152, 0.3802, 0.3239

Monochromacy



Original Color

55.1378, 0.3909, 0.3377

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

55.9525, 0.3383, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1378, 0.3909, 0.3377 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.1378, 0.3909, 0.3377 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, 168) }
```

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

```
.border{ border-color:rgb(255, 176, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1378, 0.3909, 0.3377 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
176, 168) }
```

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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