

Converting Colors

$Yxy(74.8614, 0.4540, 0.3372)$

Have a look what the booklet for
Yxy(74.8614, 0.4540, 0.3372)
contains.

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Color

Yxy(55.9279, 0.3902, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2A8
RGB	255, 178, 168
RGB Percent	100%, 70%, 66%
CMY	0.0000, 0.3019, 0.3413
CMYK	0.00, 0.30, 0.34, 0.00
HSL	7°, 100%, 83%
HSV	7°, 34%, 100%
XYZ	64.2233, 55.9279, 44.4395
YIQ	199.8830, 49.1020, 13.2140

Conversions

Conversions Part 2

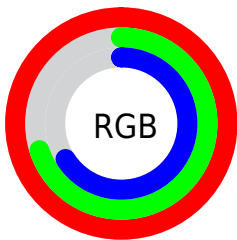
Format	Color
R _Y B	255, 179, 168
Decimal	16757416
CIE Lab	79.57, 26.80, 16.43
CIE LCh	80, 31.436, 31.503
Yxy	55.9279, 0.3902, 0.3398
Android (android.graphics.Color)	4294947496 (0xFFFFB2A8)
YUV	199.8830, -15.7183, 48.3376
Hunter-Lab	74.7850, 22.4172, 17.1176

Details

The Yxy color **55.9279, 0.3902, 0.3398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.8120, 0.2628, 0.3178**, and the grayscale version is **57.7593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4334, 0.3342, 0.3400**, and **27.6639, 0.4104, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **46.8210, 0.4245, 0.3429**, and if you desaturate by 10%, it is **66.7022, 0.3617, 0.3365**.

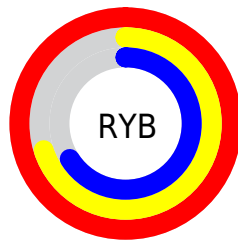
Distribution



Red (100%)

Green (70%)

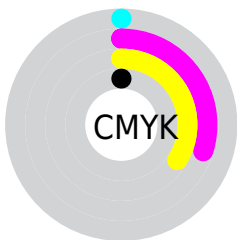
Blue (66%)



Red (100%)

Yellow (70%)

Blue (66%)

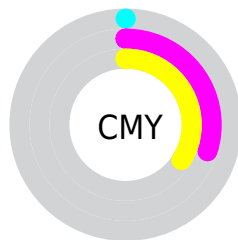


Cyan (0%)

Magenta (30%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (30%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9279, 0.3902, 0.3398 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 55.9279, 0.3902, 0.3398 by changing the saturation by 10% instead.


 55.9279, 0.3902,
0.3398

 55.9279, 0.3902,
0.3398

409.4197, 0.3522,
0.3357

 40.1451, 0.3994,
0.3405

 98.8992, 0.3766,
0.3386

 27.6517, 0.4110,
0.3411


 126.8564, 0.3714,
0.3381

 18.0633, 0.4261,
0.3416


159.6406, 0.3671,
0.3376

 10.9954, 0.4465,
0.3418

197.6362, 0.3633,
0.3371

 6.0638, 0.4755,
0.3409

241.2275, 0.3600,
0.3367

 2.8839, 0.5192,
0.3369

290.7989, 0.3571,

 1.0714, 0.6450,

0.3363

0.3532

346.7348, 0.3545,
0.3360

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9279, 0.3902,
0.3398

55.9279, 0.3902,
0.3398

46.8210, 0.4245,
0.3429

66.7022, 0.3617,
0.3365

39.2905, 0.4644,
0.3455

79.2130, 0.3384,
0.3333

33.2488, 0.5086,
0.3468

93.5353, 0.3195,
0.3302

28.5967, 0.5535,
0.3464

99.9983, 0.3127,
0.3290

■ 25.2226, 0.5933,
0.3437

■ 22.9974, 0.6217,
0.3390

■ 22.1586, 0.6323,
0.3361

Harmonies

Analogous

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



55.9279, 0.3638, 0.3070



55.9279, 0.3902, 0.3398



55.9279, 0.3939, 0.3723

Triad

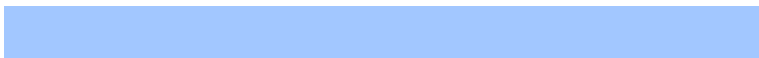
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.9279, 0.3902, 0.3398



55.9279, 0.2980, 0.3862



55.9279, 0.2520, 0.2636

Complementary

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



55.9279, 0.3902, 0.3398



80.8120, 0.2628, 0.3178

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.



55.9279, 0.2373, 0.2790



55.9279, 0.3902, 0.3398



55.9279, 0.2624, 0.3503

Square

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



55.9279, 0.3902, 0.3398



55.9279, 0.3391, 0.4031



55.9279, 0.2409, 0.3101



55.9279, 0.2827, 0.2645

Rectangle

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



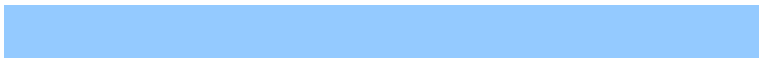
55.9279, 0.3902, 0.3398



55.9279, 0.3833, 0.3899



55.9279, 0.2409, 0.3101



55.9279, 0.2451, 0.2668

Sweetspot

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



55.9306, 0.3902, 0.3398



84.9085, 0.3301, 0.3320



55.9231, 0.3235, 0.2516



17.7519, 0.3329, 0.3324



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.



55.9306, 0.3902, 0.3398



49.5007, 0.4131, 0.3420



75.3660, 0.3754, 0.3826



18.3246, 0.3292, 0.3318



11.6856, 0.6306, 0.3375



1.2414, 0.6145, 0.3503

Inverse Universe

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



80.8120, 0.2628, 0.3178



77.8062, 0.2541, 0.3152



58.1473, 0.2563, 0.2685



20.1022, 0.2980, 0.3262



32.2123, 0.2145, 0.2921



3.2337, 0.2158, 0.2967

Previews

White Background



This preview shows how the Yxy color 55.9279, 0.3902, 0.3398 looks on a white background.

Color Contrast Check

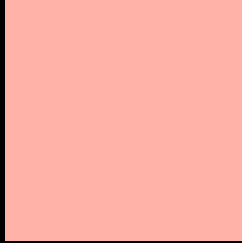
Large Text (above 18pt) WCAG AA × Fail

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 55.9279, 0.3902, 0.3398 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 55.9279, 0.3902, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 55.9279, 0.3902, 0.3398.



This preview shows how white text looks on a background with the Yxy color 55.9279, 0.3902, 0.3398.

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

55.9279, 0.3902, 0.3398

Protanopia

56.2687, 0.3343, 0.3519

Deuteranopia

56.0741, 0.3643, 0.3566



Tritanopia

55.9848, 0.3717, 0.3156

Trichromacy



Original Color

55.9279, 0.3902, 0.3398

Protanomaly

55.7302, 0.3542, 0.3476

Deuteranomaly

56.0850, 0.3735, 0.3503

Tritanomaly

56.0405, 0.3787, 0.3250

Monochromacy



Original Color

55.9279, 0.3902, 0.3398

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.5458, 0.3390, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9279, 0.3902, 0.3398 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, 178, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 168) }
```

Border

The CSS property to change the border of an element to Yxy 55.9279, 0.3902, 0.3398 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, 178, 168) }
```

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

```
.border{ border-color:rgb(255, 178, 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, 178, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9279, 0.3902, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 168) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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