

Converting Colors

$Y_{xy}(55.5455, 0.3812, 0.3265)$

Have a look what the booklet for
Yxy(55.5455, 0.3812, 0.3265)
contains.

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Color

Yxy(55.5653, 0.3808, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0B3
RGB	255, 176, 179
RGB Percent	100%, 69%, 70%
CMY	0.0002, 0.3097, 0.2981
CMYK	0.00, 0.31, 0.30, 0.00
HSL	358°, 100%, 85%
HSV	358°, 31%, 100%
XYZ	64.8858, 55.5653, 49.9423
YIQ	199.9630, 46.1210, 17.6810

Conversions

Conversions Part 2

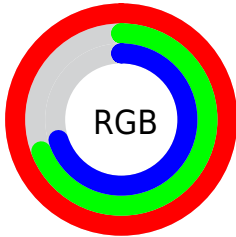
Format	Color
R _Y B	255, 176, 179
Decimal	16756915
CIE Lab	79.37, 29.20, 10.18
CIE LCh	79, 30.923, 19.226
Yxy	55.5653, 0.3808, 0.3261
Android (android.graphics.Color)	4294946995 (0xFFFFB0B3)
YUV	199.9630, -10.3348, 48.2674
Hunter-Lab	74.5421, 24.9281, 12.4559

Details

The Yxy color **55.5653, 0.3808, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.7486, 0.2695, 0.3321**, and the grayscale version is **57.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9714, 0.3266, 0.3261**, and **27.5426, 0.4000, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **45.5830, 0.4144, 0.3252**, and if you desaturate by 10%, it is **67.6071, 0.3535, 0.3271**.

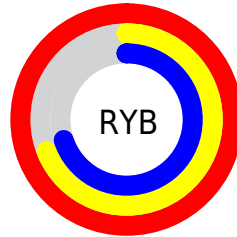
Distribution



Red (100%)

Green (69%)

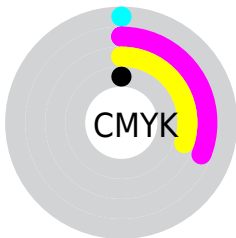
Blue (70%)



Red (100%)

Yellow (69%)

Blue (70%)

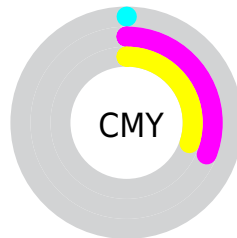


Cyan (0%)

Magenta (31%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5653, 0.3808, 0.3261 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 55.5653, 0.3808, 0.3261 by changing the saturation by 10% instead.


 55.5653, 0.3808,
0.3261

 55.5653, 0.3808,
0.3261


408.0512, 0.3474,
0.3282

 39.8545, 0.3889,
0.3254

 98.3687, 0.3689,
0.3270

 27.4251, 0.3991,
0.3244


126.2301, 0.3643,
0.3273

 17.8928, 0.4125,
0.3229


158.9105, 0.3605,
0.3276

 10.8730, 0.4307,
0.3205

196.7943, 0.3571,
0.3278

 5.9815, 0.4567,
0.3165

240.2659, 0.3542,
0.3279

 2.8338, 0.4967,
0.3089

289.7096, 0.3517,

 1.0456, 0.5802,

0.3280

0.3001

345.5099, 0.3495,
0.3281

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5653, 0.3808,
0.3261

55.5653, 0.3808,
0.3261

45.5830, 0.4144,
0.3252

67.6071, 0.3535,
0.3271

37.5374, 0.4546,
0.3245

81.8062, 0.3316,
0.3280

31.3054, 0.5002,
0.3242

98.2637, 0.3142,
0.3289

26.7462, 0.5478,
0.3245

99.9900, 0.3127,
0.3290

■ 23.6982, 0.5909,
0.3255

■ 21.9682, 0.6224,
0.3272

■ 21.2708, 0.6374,
0.3285

Harmonies

Analogous

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



55.5653, 0.3478, 0.2954



55.5653, 0.3808, 0.3261



55.5653, 0.3942, 0.3592

Triad

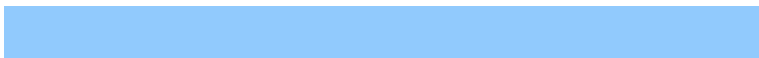
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5653, 0.3808, 0.3261



55.5653, 0.3148, 0.3949



55.5653, 0.2448, 0.2687

Complementary

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



55.5653, 0.3808, 0.3261



87.7486, 0.2695, 0.3321

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.



55.5653, 0.2375, 0.2906



55.5653, 0.3808, 0.3261



55.5653, 0.2762, 0.3659

Square

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



55.5653, 0.3808, 0.3261



55.5653, 0.3544, 0.4021



55.5653, 0.2485, 0.3262



55.5653, 0.2691, 0.2631

Rectangle

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



55.5653, 0.3808, 0.3261



55.5653, 0.3899, 0.3791



55.5653, 0.2485, 0.3262



55.5653, 0.2403, 0.2742

Sweetspot

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



55.5679, 0.3808, 0.3261



84.8793, 0.3279, 0.3282



58.7902, 0.3132, 0.2510



17.6819, 0.3307, 0.3281



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.



55.5679, 0.3808, 0.3261



49.3142, 0.4003, 0.3255



71.2457, 0.3722, 0.3658



17.9981, 0.3289, 0.3282



11.1245, 0.6363, 0.3279



1.0868, 0.6274, 0.3230

Inverse Universe

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



55.5679, 0.3808, 0.3261



49.3142, 0.4003, 0.3255



67.3417, 0.2634, 0.2889



17.9981, 0.3289, 0.3282



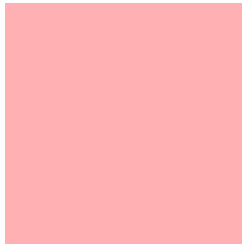
11.1245, 0.6363, 0.3279



1.0868, 0.6274, 0.3230

Previews

White Background



This preview shows how the Yxy color 55.5653, 0.3808, 0.3261 looks on a white background.

Color Contrast Check

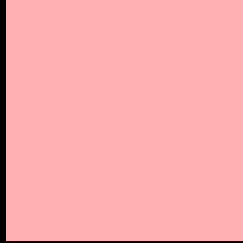
Large Text (above 18pt) WCAG AA × Fail

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 55.5653, 0.3808, 0.3261 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 55.5653, 0.3808, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 55.5653, 0.3808, 0.3261.



This preview shows how white text looks on a background with the Yxy color 55.5653, 0.3808, 0.3261.

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

55.5653, 0.3808, 0.3261

Protanopia

55.7541, 0.3220, 0.3363

Deuteranopia

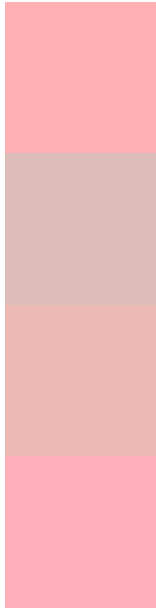
55.8088, 0.3526, 0.3453



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.5653, 0.3808, 0.3261

Protanomaly

55.3125, 0.3420, 0.3326

Deuteranomaly

55.5344, 0.3625, 0.3381

Tritanomaly

55.4227, 0.3757, 0.3187

Monochromacy



Original Color

55.5653, 0.3808, 0.3261

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.2830, 0.3359, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5653, 0.3808, 0.3261 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 179) }
```

Border

The CSS property to change the border of an element to Yxy 55.5653, 0.3808, 0.3261 is called "border". The border property can be set on classes, ids or directly on the HTML element.

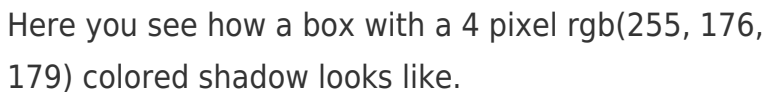
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 176, 179) }
```

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

```
.border{ border-color:rgb(255, 176, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 179); box-shadow:4px 4px 4px 4px rgb(255, 176, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5653, 0.3808, 0.3261 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, 179) }
```

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

```
.background{ background-color: rgb(255,  
176, 179) }
```

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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