

Converting Colors

$Y_{xy}(62.0102, 0.4002, 0.3167)$

Have a look what the booklet for
Yxy(62.0102, 0.4002, 0.3167)
contains.

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Color

Yxy(55.5508, 0.3729, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFBC
RGB	255, 175, 188
RGB Percent	100%, 69%, 74%
CMY	0.0001, 0.3136, 0.2628
CMYK	0.00, 0.31, 0.26, 0.00
HSL	350°, 100%, 84%
HSV	350°, 31%, 100%
XYZ	65.6365, 55.5508, 54.8291
YIQ	200.4020, 43.5070, 21.0030

Conversions

Conversions Part 2

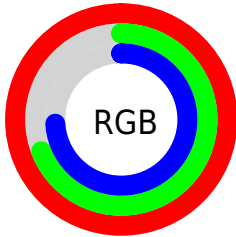
Format	Color
R _Y B	255, 175, 188
Decimal	16756668
CIE Lab	79.36, 30.93, 5.29
CIE LCh	79, 31.375, 9.713
Yxy	55.5508, 0.3729, 0.3156
Android (android.graphics.Color)	4294946748 (0xFFFFAFBC)
YUV	200.4020, -6.1142, 47.8824
Hunter-Lab	74.5324, 26.7633, 8.5565

Details

The Yxy color **55.5508, 0.3729, 0.3156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.0277, 0.2739, 0.3431**, and the grayscale version is **58.0388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.9435, 0.3208, 0.3163**, and **27.5387, 0.3890, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **45.6921, 0.4020, 0.3113**, and if you desaturate by 10%, it is **67.4249, 0.3492, 0.3201**.

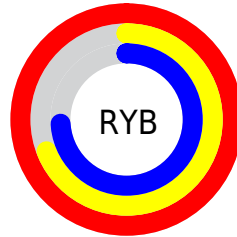
Distribution



Red (100%)

Green (69%)

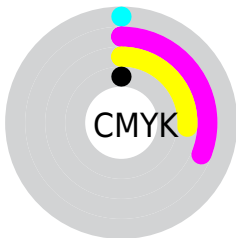
Blue (74%)



Red (100%)

Yellow (69%)

Blue (74%)

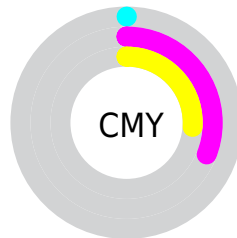


Cyan (0%)

Magenta (31%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5508, 0.3729, 0.3156 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 55.5508, 0.3729, 0.3156 by changing the saturation by 10% instead.


 55.5508, 0.3729,
0.3156

 55.5508, 0.3729,
0.3156


407.9964, 0.3435,
0.3225

 39.8429, 0.3800,
0.3138


 98.3475, 0.3624,
0.3181

 27.4161, 0.3890,
0.3116


126.2051, 0.3584,
0.3191

 17.8859, 0.4008,
0.3085


158.8813, 0.3550,
0.3199

 10.8681, 0.4167,
0.3042

196.7606, 0.3521,
0.3206

 5.9782, 0.4396,
0.2977

240.2274, 0.3495,
0.3211

 2.8318, 0.4749,
0.2871

289.6660, 0.3473,

 1.0446, 0.5377,

0.3217

0.2679

345.4609, 0.3453,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5508, 0.3729,
0.3156

55.5508, 0.3729,
0.3156

45.6921, 0.4020,
0.3113

67.4249, 0.3492,
0.3201

37.7291, 0.4368,
0.3076

81.4096, 0.3300,
0.3244

31.5420, 0.4768,
0.3052

97.6033, 0.3146,
0.3285

26.9937, 0.5201,
0.3049

99.9939, 0.3127,
0.3290

■ 23.9269, 0.5623,
0.3075

■ 22.1535, 0.5981,
0.3130

■ 21.4163, 0.6203,
0.3191

Harmonies

Analogous

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



55.5508, 0.3352, 0.2866



55.5508, 0.3729, 0.3156



55.5508, 0.3937, 0.3490

Triad

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



55.5508, 0.3729, 0.3156



55.5508, 0.3280, 0.4009



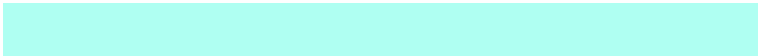
55.5508, 0.2395, 0.2731

Complementary

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



55.5508, 0.3729, 0.3156



87.0277, 0.2739, 0.3431

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.



55.5508, 0.2380, 0.3003



55.5508, 0.3729, 0.3156



55.5508, 0.2873, 0.3777

Square

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



55.5508, 0.3729, 0.3156



55.5508, 0.3661, 0.4005



55.5508, 0.2549, 0.3391



55.5508, 0.2590, 0.2622

Rectangle

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



55.5508, 0.3729, 0.3156



55.5508, 0.3944, 0.3705



55.5508, 0.2549, 0.3391



55.5508, 0.2370, 0.2805

Sweetspot

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



55.5534, 0.3729, 0.3156



85.0441, 0.3260, 0.3254



56.7017, 0.3059, 0.2482



17.7221, 0.3285, 0.3248



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.



55.5534, 0.3729, 0.3156



48.7963, 0.3916, 0.3127



66.4374, 0.3761, 0.3569



18.0351, 0.3269, 0.3252



11.2077, 0.6172, 0.3174



1.1043, 0.5895, 0.3021

Inverse Universe

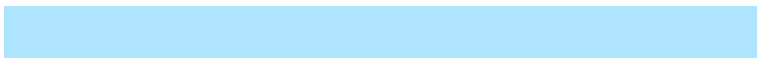
The Inverse Universe completely reimagines the original color for something new.



55.5534, 0.3729, 0.3156



48.7963, 0.3916, 0.3127



71.9978, 0.2641, 0.2991



18.0351, 0.3269, 0.3252



11.2077, 0.6172, 0.3174



1.1043, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 55.5508, 0.3729, 0.3156 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 55.5508, 0.3729, 0.3156 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 55.5508, 0.3729, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 55.5508, 0.3729, 0.3156.



This preview shows how white text looks on a background with the Yxy color 55.5508, 0.3729, 0.3156.

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

55.5508, 0.3729, 0.3156

Protanopia

55.9293, 0.3129, 0.3242

Deuteranopia

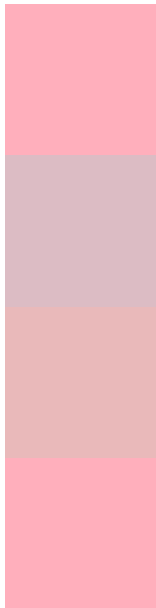
55.5453, 0.3418, 0.3349



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.5508, 0.3729, 0.3156

Protanomaly

55.1676, 0.3332, 0.3199

Deuteranomaly

55.5667, 0.3531, 0.3280

Tritanomaly

55.5508, 0.3729, 0.3156

Monochromacy



Original Color

55.5508, 0.3729, 0.3156

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.4628, 0.3328, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5508, 0.3729, 0.3156 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, 175, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 188)  
}
```

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, 175, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 188) }
```

Border

The CSS property to change the border of an element to Yxy 55.5508, 0.3729, 0.3156 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, 175, 188) }
```

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

```
.border{ border-color:rgb(255, 175, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 175, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5508, 0.3729, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 188) }
```

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

```
.background{ background-color: rgb(255,  
175, 188) }
```

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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