

Converting Colors

$Y_{xy}(55.4224, 0.3755, 0.3186)$

Have a look what the booklet for
Yxy(55.4224, 0.3755, 0.3186)
contains.

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Color

Yxy(55.4227, 0.3757, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFB9
RGB	255, 175, 185
RGB Percent	100%, 69%, 73%
CMY	0.0000, 0.3138, 0.2746
CMYK	0.00, 0.31, 0.27, 0.00
HSL	353°, 100%, 84%
HSV	353°, 31%, 100%
XYZ	65.3351, 55.4227, 53.1446
YIQ	200.0600, 44.4700, 20.0700

Conversions

Conversions Part 2

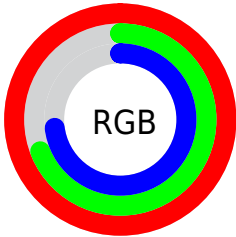
Format	Color
R _Y B	255, 175, 185
Decimal	16756665
CIE Lab	79.28, 30.56, 6.81
CIE LCh	79, 31.315, 12.567
Yxy	55.4227, 0.3757, 0.3187
Android (android.graphics.Color)	4294946745 (0xFFFFAFB9)
YUV	200.0600, -7.4246, 48.1824
Hunter-Lab	74.4464, 26.3727, 9.7875

Details

The Yxy color **55.4227, 0.3757, 0.3187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.2258, 0.2724, 0.3398**, and the grayscale version is **57.8184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7627, 0.3227, 0.3192**, and **27.4553, 0.3928, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **45.5432, 0.4062, 0.3154**, and if you desaturate by 10%, it is **67.3161, 0.3508, 0.3221**.

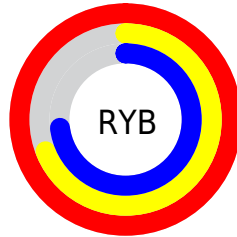
Distribution



Red (100%)

Green (69%)

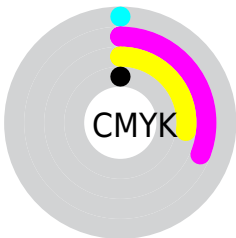
Blue (73%)



Red (100%)

Yellow (69%)

Blue (73%)

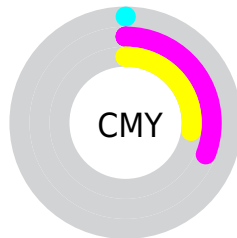


Cyan (0%)

Magenta (31%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.4227, 0.3757, 0.3187 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 55.4227, 0.3757, 0.3187 by changing the saturation by 10% instead.


 55.4227, 0.3757,
0.3187

 55.4227, 0.3757,
0.3187

407.5122, 0.3449,
0.3242

 39.7403, 0.3832,
0.3172


 98.1600, 0.3647,
0.3208

 27.3361, 0.3926,
0.3153


125.9836, 0.3605,
0.3215

 17.8258, 0.4050,
0.3127


158.6231, 0.3569,
0.3222

 10.8250, 0.4218,
0.3090

196.4629, 0.3538,
0.3227

 5.9493, 0.4458,
0.3032

239.8873, 0.3512,
0.3232

 2.8143, 0.4830,
0.2934

289.2807, 0.3488,

 1.0355, 0.5518,

0.3236

0.2765

345.0276, 0.3467,
0.3239

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.4227, 0.3757,
0.3187

55.4227, 0.3757,
0.3187

45.5432, 0.4062,
0.3154

67.3161, 0.3508,
0.3221

37.5771, 0.4427,
0.3127

81.3394, 0.3308,
0.3255

31.3966, 0.4846,
0.3110

97.5854, 0.3147,
0.3286

26.8634, 0.5294,
0.3111

100.0000, 0.3127,
0.3290

■ 23.8191, 0.5723,
0.3134

■ 22.0734, 0.6072,
0.3181

■ 21.3635, 0.6273,
0.3229

Harmonies

Analogous

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



55.4227, 0.3392, 0.2891



55.4227, 0.3757, 0.3187



55.4227, 0.3944, 0.3522

Triad

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



55.4227, 0.3757, 0.3187



55.4227, 0.3240, 0.3996



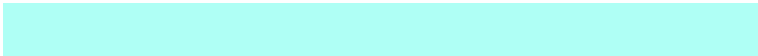
55.4227, 0.2407, 0.2714

Complementary

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



55.4227, 0.3757, 0.3187



87.2258, 0.2724, 0.3398

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.



55.4227, 0.2374, 0.2971



55.4227, 0.3757, 0.3187



55.4227, 0.2838, 0.3745

Square

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



55.4227, 0.3757, 0.3187



55.4227, 0.3629, 0.4014



55.4227, 0.2526, 0.3352



55.4227, 0.2617, 0.2621

Rectangle

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



55.4227, 0.3757, 0.3187



55.4227, 0.3936, 0.3733



55.4227, 0.2526, 0.3352



55.4227, 0.2376, 0.2782

Sweetspot

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



55.4187, 0.3757, 0.3187



84.9947, 0.3266, 0.3262



57.1690, 0.3080, 0.2487



17.7101, 0.3291, 0.3258



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.



55.4187, 0.3757, 0.3187



48.6579, 0.3952, 0.3165



67.6965, 0.3753, 0.3596



18.0240, 0.3275, 0.3261



11.1743, 0.6247, 0.3215



1.0991, 0.6001, 0.3080

Inverse Universe

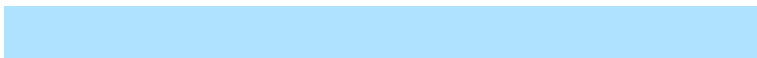
The Inverse Universe completely reimagines the original color for something new.



55.4187, 0.3757, 0.3187



48.6579, 0.3952, 0.3165



70.5427, 0.2637, 0.2960



18.0240, 0.3275, 0.3261



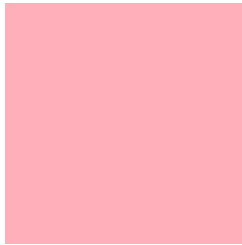
11.1743, 0.6247, 0.3215



1.0991, 0.6001, 0.3080

Previews

White Background



This preview shows how the Yxy color 55.4227, 0.3757, 0.3187 looks on a white background.

Color Contrast Check

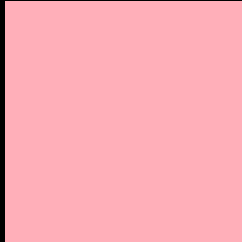
Large Text (above 18pt) WCAG AA × Fail

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 55.4227, 0.3757, 0.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

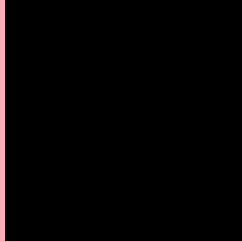
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.4227, 0.3757, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 55.4227, 0.3757, 0.3187.

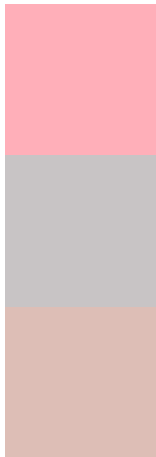


This preview shows how white text looks on a background with the Yxy color 55.4227, 0.3757, 0.3187.

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

55.4227, 0.3757, 0.3187

Protanopia

55.7904, 0.3152, 0.3278

Deuteranopia

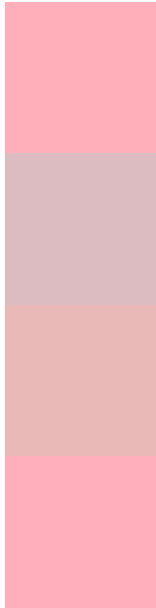
55.5765, 0.3451, 0.3384



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.4227, 0.3757, 0.3187

Protanomaly

55.0323, 0.3356, 0.3233

Deuteranomaly

55.4405, 0.3556, 0.3314

Tritanomaly

55.5078, 0.3738, 0.3166

Monochromacy



Original Color

55.4227, 0.3757, 0.3187

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.4174, 0.3335, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.4227, 0.3757, 0.3187 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 185) }
```

Border

The CSS property to change the border of an element to Yxy 55.4227, 0.3757, 0.3187 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, 185) }
```

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

```
.border{ border-color:rgb(255, 175, 185) }
```

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, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 55.4227, 0.3757, 0.3187 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
175, 185) }
```

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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