

Converting Colors

$Y_{xy}(55.1260, 0.3711, 0.3116)$

Have a look what the booklet for
Yxy(55.1260, 0.3711, 0.3116)
contains.

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Color

Yxy(55.2498, 0.3714, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEBE
RGB	255, 174, 190
RGB Percent	100%, 68%, 75%
CMY	0.0000, 0.3177, 0.2549
CMYK	0.00, 0.32, 0.25, 0.00
HSL	348°, 100%, 84%
HSV	348°, 32%, 100%
XYZ	65.6843, 55.2498, 55.9219
YIQ	200.0430, 43.1400, 22.1480

Conversions

Conversions Part 2

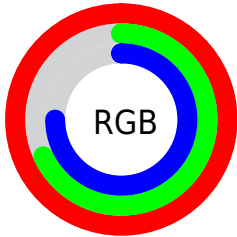
Format	Color
R _Y B	255, 174, 190
Decimal	16756414
CIE Lab	79.18, 31.78, 3.95
CIE LCh	79, 32.021, 7.079
Yxy	55.2498, 0.3714, 0.3124
Android (android.graphics.Color)	4294946494 (0xFFFFAEBE)
YUV	200.0430, -4.9512, 48.1973
Hunter-Lab	74.3302, 27.6595, 7.4247

Details

The Yxy color **55.2498, 0.3714, 0.3124** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.7469, 0.2748, 0.3466**, and the grayscale version is **57.7905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5074, 0.3196, 0.3134**, and **27.3512, 0.3869, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **45.4766, 0.3993, 0.3071**, and if you desaturate by 10%, it is **67.0051, 0.3485, 0.3178**.

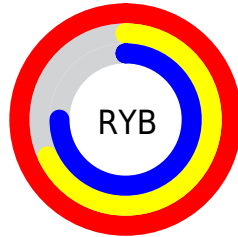
Distribution



Red (100%)

Green (68%)

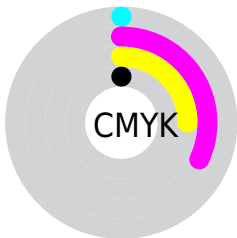
Blue (75%)



Red (100%)

Yellow (68%)

Blue (75%)

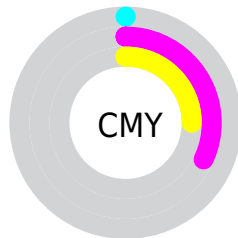


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2498, 0.3714, 0.3124 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 55.2498, 0.3714, 0.3124 by changing the saturation by 10% instead.


 55.2498, 0.3714,
0.3124

 55.2498, 0.3714,
0.3124

406.8581, 0.3428,
0.3208

 39.6018, 0.3783,
0.3103

 97.9069, 0.3612,
0.3154

 27.2282, 0.3871,
0.3076


125.6847, 0.3573,
0.3166

 17.7447, 0.3985,
0.3041


158.2745, 0.3539,
0.3176

 10.7668, 0.4141,
0.2991

196.0608, 0.3511,
0.3184

 5.9103, 0.4364,
0.2918

239.4279, 0.3486,
0.3191

 2.7906, 0.4709,
0.2800

288.7602, 0.3464,

 1.0234, 0.5312,

0.3197

0.2587

344.4422, 0.3445,
0.3203

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2498, 0.3714,
0.3124

55.2498, 0.3714,
0.3124

45.4766, 0.3993,
0.3071

67.0051, 0.3485,
0.3178

37.5944, 0.4326,
0.3026

80.8655, 0.3300,
0.3232

31.4741, 0.4710,
0.2995

96.9196, 0.3150,
0.3282

26.9790, 0.5127,
0.2989

100.0000, 0.3127,
0.3290

■ 23.9520, 0.5539,
0.3016

■ 22.2042, 0.5896,
0.3078

■ 21.4941, 0.6121,
0.3146

Harmonies

Analogous

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



55.2498, 0.3319, 0.2835



55.2498, 0.3714, 0.3124



55.2498, 0.3946, 0.3463

Triad

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



55.2498, 0.3714, 0.3124



55.2498, 0.3319, 0.4036



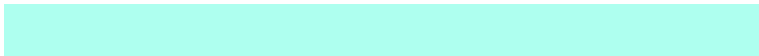
55.2498, 0.2371, 0.2737

Complementary

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



55.2498, 0.3714, 0.3124



86.7469, 0.2748, 0.3466

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.



55.2498, 0.2372, 0.3027



55.2498, 0.3714, 0.3124



55.2498, 0.2902, 0.3818

Square

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



55.2498, 0.3714, 0.3124



55.2498, 0.3702, 0.4009



55.2498, 0.2560, 0.3430



55.2498, 0.2554, 0.2611

Rectangle

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



55.2498, 0.3714, 0.3124



55.2498, 0.3968, 0.3686



55.2498, 0.2560, 0.3430



55.2498, 0.2350, 0.2816

Sweetspot

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



55.2431, 0.3714, 0.3124



83.5476, 0.3271, 0.3241



55.8003, 0.3037, 0.2466



17.4261, 0.3294, 0.3233



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.



55.2431, 0.3714, 0.3124



48.9329, 0.3881, 0.3091



64.8348, 0.3781, 0.3545



18.0458, 0.3263, 0.3243



11.2477, 0.6086, 0.3126



1.1097, 0.5789, 0.2963

Inverse Universe

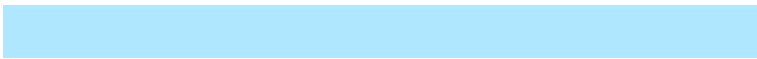
The Inverse Universe completely reimagines the original color for something new.



55.2431, 0.3714, 0.3124



48.9329, 0.3881, 0.3091



73.1975, 0.2638, 0.3018



18.0458, 0.3263, 0.3243



11.2477, 0.6086, 0.3126



1.1097, 0.5789, 0.2963

Previews

White Background



This preview shows how the Yxy color 55.2498, 0.3714, 0.3124 looks on a white background.

Color Contrast Check

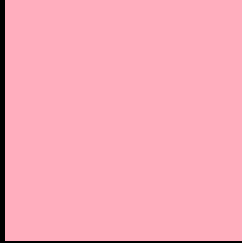
Large Text (above 18pt) WCAG AA × Fail

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 55.2498, 0.3714, 0.3124 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 55.2498, 0.3714, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 55.2498, 0.3714, 0.3124.



This preview shows how white text looks on a background with the Yxy color 55.2498, 0.3714, 0.3124.

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

55.2498, 0.3714, 0.3124

Protanopia

55.3002, 0.3099, 0.3206

Deuteranopia

55.4748, 0.3393, 0.3326



Tritanopia

55.1629, 0.3732, 0.3145

Trichromacy



Original Color

55.2498, 0.3714, 0.3124



Protanomaly

54.6779, 0.3308, 0.3164



Deuteranomaly

55.0676, 0.3507, 0.3246



Tritanomaly

55.2062, 0.3723, 0.3135

Monochromacy



Original Color

55.2498, 0.3714, 0.3124



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 55.2498, 0.3714, 0.3124 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, 174, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 190)  
}
```

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, 174, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 190) }
```

Border

The CSS property to change the border of an element to Yxy 55.2498, 0.3714, 0.3124 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, 174, 190) }
```

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

```
.border{ border-color:rgb(255, 174, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 174, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 174, 190); box-shadow:4px 4px 4px 4px rgb(255, 174, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2498, 0.3714, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 190) }
```

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

```
.background{ background-color: rgb(255,  
174, 190) }
```

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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