

Converting Colors

$Y_{xy}(55.6727, 0.3452, 0.2794)$

Have a look what the booklet for
Yxy(55.6727, 0.3452, 0.2794)
contains.

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Color

Yxy(55.5531, 0.3452, 0.2790)

Conversions

Conversions Part 1

Format	Color
Hex	FFABDC
RGB	255, 171, 220
RGB Percent	100%, 67%, 86%
CMY	0.0000, 0.3295, 0.1372
CMYK	0.00, 0.33, 0.14, 0.00
HSL	325°, 100%, 84%
HSV	325°, 33%, 100%
XYZ	68.7345, 55.5531, 74.8274
YIQ	201.7020, 34.3350, 33.0470

Conversions

Conversions Part 2

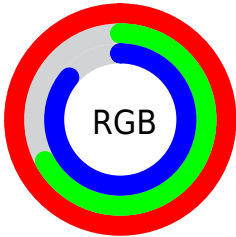
Format	Color
RYB	255, 171, 220
Decimal	16755676
CIELab	79.36, 37.77, -12.08
CIELCh	79, 39.652, 342.259
Yxy	55.5531, 0.3452, 0.2790
Android (android.graphics.Color)	4294945756 (0xFFFFABDC)
YUV	201.7020, 9.0209, 46.7423
Hunter-Lab	74.5340, 34.1766, -7.3497

Details

The Yxy color **55.5531, 0.3452, 0.2790** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6301, 0.2899, 0.3853**, and the grayscale version is **58.7885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **27.3095, 0.3531, 0.2666** is the 20% darker color. If you saturate the color by 10%, you get **46.2825, 0.3590, 0.2637**, and if you desaturate by 10%, it is **66.7073, 0.3333, 0.2946**.

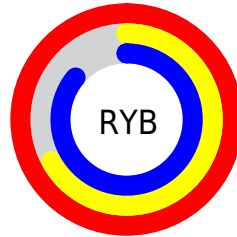
Distribution



Red (100%)

Green (67%)

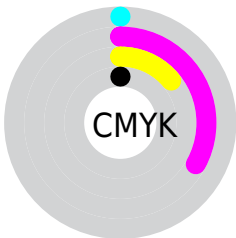
Blue (86%)



Red (100%)

Yellow (67%)

Blue (86%)

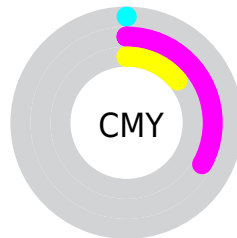


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5531, 0.3452, 0.2790 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 55.5531, 0.3452, 0.2790 by changing the saturation by 10% instead.


 55.5531, 0.3452,
0.2790

 55.5531, 0.3452,
0.2790

408.0051, 0.3299,
0.3022

 39.8447, 0.3487,
0.2737


 98.3509, 0.3399,
0.2871

 27.4175, 0.3531,
0.2671


126.2090, 0.3378,
0.2902

 17.8870, 0.3587,
0.2588


158.8859, 0.3360,
0.2929

 10.8689, 0.3661,
0.2479

196.7660, 0.3345,
0.2953

 5.9788, 0.3763,
0.2331

240.2335, 0.3331,
0.2973

 2.8322, 0.3913,
0.2119

289.6729, 0.3320,

 1.0447, 0.4150,

0.2991

0.1792

345.4687, 0.3309,
0.3008

0.0000, 0.5269,
0.0000

0.0000, 0.0000,
0.0000

55.5531, 0.3452,
0.2790

55.5531, 0.3452,
0.2790

46.2825, 0.3590,
0.2637

66.7073, 0.3333,
0.2946

38.8029, 0.3748,
0.2497

79.8596, 0.3233,
0.3100

32.9902, 0.3925,
0.2381

95.0973, 0.3149,
0.3248

28.7111, 0.4115,
0.2301

100.0000, 0.3127,
0.3290

■ 25.8113, 0.4313,
0.2267

■ 24.1037, 0.4508,
0.2288

■ 23.4251, 0.4642,
0.2331

Harmonies

Analogous

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



55.5531, 0.2920, 0.2545



55.5531, 0.3452, 0.2790



55.5531, 0.3922, 0.3149

Triad

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



55.5531, 0.3452, 0.2790



55.5531, 0.3754, 0.4203



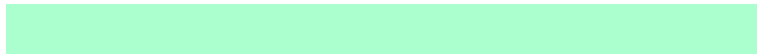
55.5531, 0.2193, 0.2882

Complementary

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



55.5531, 0.3452, 0.2790



84.6301, 0.2899, 0.3853

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.



55.5531, 0.2377, 0.3366



55.5531, 0.3452, 0.2790



55.5531, 0.3264, 0.4200

Square

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



55.5531, 0.3452, 0.2790



55.5531, 0.4091, 0.3946



55.5531, 0.2761, 0.3879



55.5531, 0.2232, 0.2568

Rectangle

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



55.5531, 0.3452, 0.2790



55.5531, 0.4115, 0.3421



55.5531, 0.2761, 0.3879



55.5531, 0.2230, 0.3028

Sweetspot

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



55.5480, 0.3452, 0.2790



84.1308, 0.3207, 0.3145



49.2602, 0.2773, 0.2368



17.5667, 0.3219, 0.3124



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.



55.5480, 0.3452, 0.2790



48.8232, 0.3547, 0.2682



53.6496, 0.3820, 0.3204



18.1650, 0.3202, 0.3152



12.2706, 0.4611, 0.2314



1.2165, 0.4407, 0.2201

Inverse Universe

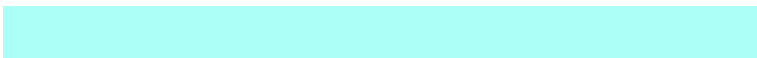
The Inverse Universe completely reimagines the original color for something new.



55.5480, 0.3452, 0.2790



48.8232, 0.3547, 0.2682



86.8666, 0.2696, 0.3381



18.1650, 0.3202, 0.3152



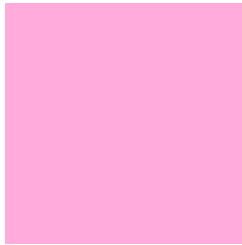
12.2706, 0.4611, 0.2314



1.2165, 0.4407, 0.2201

Previews

White Background



This preview shows how the Yxy color 55.5531, 0.3452, 0.2790 looks on a white background.

Color Contrast Check

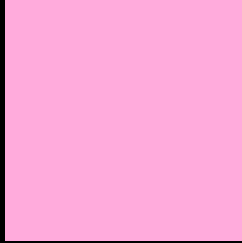
Large Text (above 18pt) WCAG AA × Fail

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 55.5531, 0.3452, 0.2790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

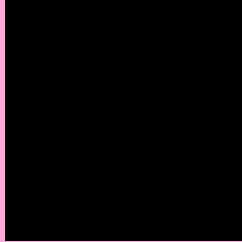
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5531, 0.3452, 0.2790

Background



This preview shows how black text looks on a background with the Yxy color 55.5531, 0.3452, 0.2790.



This preview shows how white text looks on a background with the Yxy color 55.5531, 0.3452, 0.2790.

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

55.5531, 0.3452, 0.2790

Protanopia

55.7777, 0.2792, 0.2812

Deuteranopia

55.9225, 0.3069, 0.3012



Tritanopia

55.2776, 0.3674, 0.3143

Trichromacy



Original Color

55.5531, 0.3452, 0.2790



Protanomaly

54.8280, 0.3007, 0.2795



Deuteranomaly

55.1380, 0.3202, 0.2923



Tritanomaly

55.1846, 0.3588, 0.3008

Monochromacy



Original Color

55.5531, 0.3452, 0.2790



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.2372, 0.3234, 0.3087

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5531, 0.3452, 0.2790 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, 171, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 220)  
}
```

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, 171, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 220) }
```

Border

The CSS property to change the border of an element to Yxy 55.5531, 0.3452, 0.2790 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, 171, 220) }
```

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

```
.border{ border-color:rgb(255, 171, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5531, 0.3452, 0.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 220) }
```

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

```
.background{ background-color: rgb(255,  
171, 220) }
```

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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