

Converting Colors

$Yxy(55.8521, 0.3447, 0.2876)$

Have a look what the booklet for
Yxy(55.8521, 0.3447, 0.2876)
contains.

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Color

Yxy(55.8902, 0.3447, 0.2874)

Conversions

Conversions Part 1

Format	Color
Hex	FAAFD7
RGB	250, 175, 215
RGB Percent	98%, 69%, 84%
CMY	0.0194, 0.3138, 0.1569
CMYK	0.00, 0.30, 0.14, 0.02
HSL	328°, 88%, 83%
HSV	328°, 30%, 98%
XYZ	67.0332, 55.8902, 71.5449
YIQ	201.9850, 31.8600, 28.3400

Conversions

Conversions Part 2

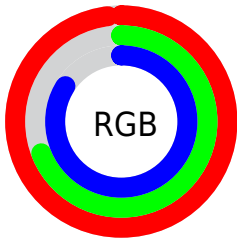
Format	Color
R _Y B	250, 175, 215
Decimal	16429015
CIE Lab	79.55, 33.20, -9.13
CIE LCh	80, 34.436, 344.623
Yxy	55.8902, 0.3447, 0.2874
Android (android.graphics.Color)	4294619095 (0xFFFAAFD7)
YUV	201.9850, 6.4164, 42.1092
Hunter-Lab	74.7597, 29.2222, -4.4086

Details

The Yxy color **55.8902, 0.3447, 0.2874** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.1692, 0.2898, 0.3749**, and the grayscale version is **58.9995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **27.6636, 0.3523, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **46.4661, 0.3596, 0.2732**, and if you desaturate by 10%, it is **67.1642, 0.3321, 0.3017**.

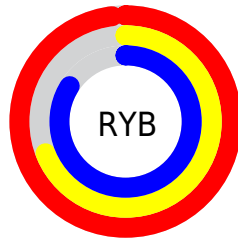
Distribution



Red (98%)

Green (69%)

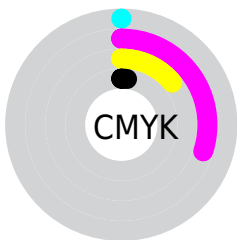
Blue (84%)



Red (98%)

Yellow (69%)

Blue (84%)

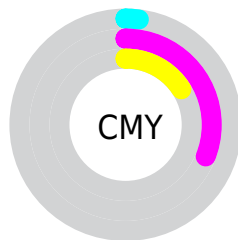


Cyan (0%)

Magenta (30%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8902, 0.3447, 0.2874 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 55.8902, 0.3447, 0.2874 by changing the saturation by 10% instead.


 55.8902, 0.3447,
0.2874

 55.8902, 0.3447,
0.2874

409.2776, 0.3295,
0.3069

 40.1149, 0.3483,
0.2829

 98.8440, 0.3394,
0.2942

 27.6281, 0.3527,
0.2773


126.7913, 0.3373,
0.2968

 18.0455, 0.3584,
0.2702


159.5648, 0.3356,
0.2991

 10.9827, 0.3660,
0.2608

197.5487, 0.3340,
0.3011

 6.0552, 0.3766,
0.2479

241.1276, 0.3327,
0.3028

 2.8787, 0.3923,
0.2292

290.6857, 0.3315,

 1.0687, 0.4181,

0.3043

0.1996

346.6076, 0.3305,
0.3057

0.0000, 0.5664,
0.0000

0.0000, 0.0000,
0.0000

55.8902, 0.3447,
0.2874

55.8902, 0.3447,
0.2874

46.4661, 0.3596,
0.2732

67.1642, 0.3321,
0.3017

38.7839, 0.3769,
0.2599

80.3734, 0.3215,
0.3157

32.7357, 0.3966,
0.2486

95.6067, 0.3127,
0.3290

28.1988, 0.4182,
0.2404

99.0733, 0.3097,
0.3290

■ 25.0325, 0.4409,
0.2367

■ 23.0694, 0.4637,
0.2383

■ 22.0351, 0.4856,
0.2449

Harmonies

Analogous

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



55.8902, 0.2985, 0.2646



55.8902, 0.3447, 0.2874



55.8902, 0.3840, 0.3199

Triad

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



55.8902, 0.3447, 0.2874



55.8902, 0.3647, 0.4091



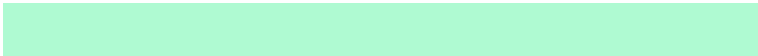
55.8902, 0.2303, 0.2913

Complementary

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



55.8902, 0.3447, 0.2874



82.1692, 0.2898, 0.3749

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.



55.8902, 0.2453, 0.3324



55.8902, 0.3447, 0.2874



55.8902, 0.3217, 0.4058

Square

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



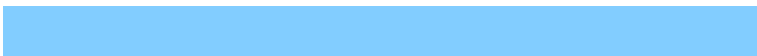
55.8902, 0.3447, 0.2874



55.8902, 0.3951, 0.3892



55.8902, 0.2781, 0.3765



55.8902, 0.2353, 0.2647

Rectangle

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



55.8902, 0.3447, 0.2874



55.8902, 0.3994, 0.3442



55.8902, 0.2781, 0.3765



55.8902, 0.2331, 0.3038

Sweetspot

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



55.8928, 0.3447, 0.2874



85.5503, 0.3205, 0.3171



51.2621, 0.2849, 0.2468



17.8463, 0.3219, 0.3151



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.



55.8928, 0.3447, 0.2874



52.2859, 0.3534, 0.2788



54.1801, 0.3782, 0.3265



17.3799, 0.3210, 0.3164



11.7122, 0.4822, 0.2430



1.1062, 0.4576, 0.2294

Inverse Universe

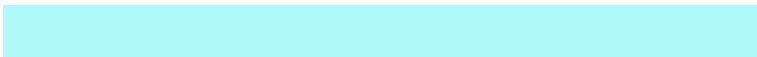
The Inverse Universe completely reimagines the original color for something new.



55.8928, 0.3447, 0.2874



52.2859, 0.3534, 0.2788



84.2638, 0.2706, 0.3316



17.3799, 0.3210, 0.3164



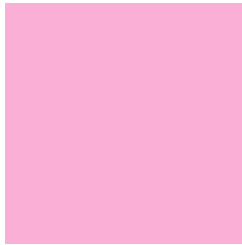
11.7122, 0.4822, 0.2430



1.1062, 0.4576, 0.2294

Previews

White Background



This preview shows how the Yxy color 55.8902, 0.3447, 0.2874 looks on a white background.

Color Contrast Check

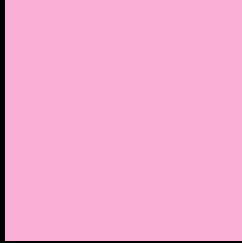
Large Text (above 18pt) WCAG AA × Fail

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 55.8902, 0.3447, 0.2874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

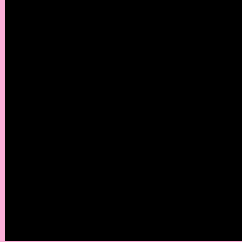
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.8902, 0.3447, 0.2874

Background



This preview shows how black text looks on a background with the Yxy color 55.8902, 0.3447, 0.2874.



This preview shows how white text looks on a background with the Yxy color 55.8902, 0.3447, 0.2874.

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

55.8902, 0.3447, 0.2874

Protanopia

56.2878, 0.2873, 0.2915

Deuteranopia

56.1544, 0.3122, 0.3059



Tritanopia

55.8646, 0.3605, 0.3142

Trichromacy



Original Color

55.8902, 0.3447, 0.2874



Protanomaly

55.4403, 0.3066, 0.2894



Deuteranomaly

55.9295, 0.3240, 0.2989



Tritanomaly

56.0143, 0.3545, 0.3047

Monochromacy



Original Color

55.8902, 0.3447, 0.2874



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.2643, 0.3232, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8902, 0.3447, 0.2874 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(250, 175, 215)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 215)  
}
```

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(250, 175, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 215) }
```

Border

The CSS property to change the border of an element to Yxy 55.8902, 0.3447, 0.2874 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(250, 175, 215) }
```

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

```
.border{ border-color:rgb(250, 175, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8902, 0.3447, 0.2874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 215) }
```

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

```
.background{ background-color: rgb(250,  
175, 215) }
```

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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