

Converting Colors

$Y_{xy}(55.1894, 0.3542, 0.2897)$

Have a look what the booklet for
Yxy(55.1894, 0.3542, 0.2897)
contains.

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Color

Yxy(55.0390, 0.3540, 0.2889)

Conversions

Conversions Part 1

Format	Color
Hex	FFABD2
RGB	255, 171, 210
RGB Percent	100%, 67%, 82%
CMY	0.0000, 0.3294, 0.1765
CMYK	0.00, 0.33, 0.18, 0.00
HSL	332°, 100%, 84%
HSV	332°, 33%, 100%
XYZ	67.4413, 55.0390, 68.0319
YIQ	200.5620, 37.5450, 29.9370

Conversions

Conversions Part 2

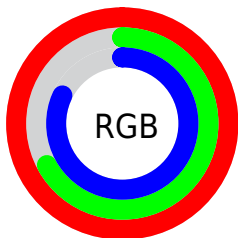
Format	Color
R _Y B	255, 171, 210
Decimal	16755666
CIE Lab	79.06, 36.21, -7.08
CIE LCh	79, 36.891, 348.939
Yxy	55.0390, 0.3540, 0.2889
Android (android.graphics.Color)	4294945746 (0xFFFFABD2)
YUV	200.5620, 4.6529, 47.7421
Hunter-Lab	74.1883, 32.4371, -2.4382

Details

The Yxy color **55.0390, 0.3540, 0.2889** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.1358, 0.2848, 0.3733**, and the grayscale version is **58.0731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **27.2275, 0.3639, 0.2791** is the 20% darker color. If you saturate the color by 10%, you get **45.6627, 0.3722, 0.2766**, and if you desaturate by 10%, it is **66.3265, 0.3387, 0.3015**.

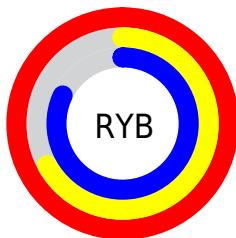
Distribution



Red (100%)

Green (67%)

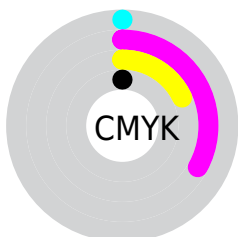
Blue (82%)



Red (100%)

Yellow (67%)

Blue (82%)

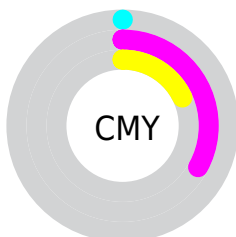


Cyan (0%)

Magenta (33%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0390, 0.3540, 0.2889 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 55.0390, 0.3540, 0.2889 by changing the saturation by 10% instead.

 55.0390, 0.3540,
0.2889

 55.0390, 0.3540,
0.2889

406.0597, 0.3342,
0.3078

 39.4329, 0.3587,
0.2845


 97.5981, 0.3470,
0.2955

 27.0967, 0.3646,
0.2790


125.3199, 0.3443,
0.2981

 17.6459, 0.3722,
0.2720


157.8491, 0.3420,
0.3003

 10.6960, 0.3823,
0.2627

195.5701, 0.3401,
0.3022

 5.8628, 0.3966,
0.2499

238.8673, 0.3383,
0.3039

 2.7619, 0.4183,
0.2311

288.1250, 0.3368,

 1.0087, 0.4544,

0.3053

0.2009

343.7277, 0.3354,
0.3066

■ 0.0000, 0.6728,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0390, 0.3540,
0.2889

■ 55.0390, 0.3540,
0.2889

■ 45.6627, 0.3722,
0.2766

■ 66.3265, 0.3387,
0.3015

■ 38.0965, 0.3934,
0.2654

■ 79.6329, 0.3259,
0.3139

■ 32.2181, 0.4174,
0.2564

■ 95.0486, 0.3154,
0.3257

■ 27.8933, 0.4437,
0.2510

100.0000, 0.3127,
0.3290

■ 24.9669, 0.4710,
0.2503

■ 23.2510, 0.4977,
0.2552

■ 22.5765, 0.5156,
0.2614

Harmonies

Analogous

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



55.0390, 0.3043, 0.2629



55.0390, 0.3540, 0.2889



55.0390, 0.3941, 0.3245

Triad

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



55.0390, 0.3540, 0.2889



55.0390, 0.3622, 0.4166



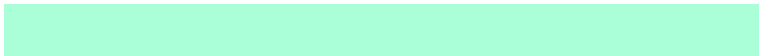
55.0390, 0.2240, 0.2829

Complementary

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



55.0390, 0.3540, 0.2889



85.1358, 0.2848, 0.3733

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.



55.0390, 0.2368, 0.3254



55.0390, 0.3540, 0.2889



55.0390, 0.3150, 0.4092

Square

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



55.0390, 0.3540, 0.2889



55.0390, 0.3978, 0.3975



55.0390, 0.2693, 0.3740



55.0390, 0.2323, 0.2575

Rectangle

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



55.0390, 0.3540, 0.2889



55.0390, 0.4081, 0.3504



55.0390, 0.2693, 0.3740



55.0390, 0.2259, 0.2955

Sweetspot

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



55.0365, 0.3540, 0.2889



83.9467, 0.3226, 0.3174



50.9122, 0.2858, 0.2390



17.5222, 0.3242, 0.3157



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.



55.0365, 0.3540, 0.2889



48.2287, 0.3665, 0.2801



54.3932, 0.3889, 0.3322



18.1274, 0.3221, 0.3180



11.8262, 0.5117, 0.2592



1.1733, 0.4843, 0.2442

Inverse Universe

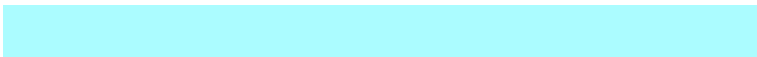
The Inverse Universe completely reimagines the original color for something new.



55.0365, 0.3540, 0.2889



48.2287, 0.3665, 0.2801



85.6238, 0.2653, 0.3258



18.1274, 0.3221, 0.3180



11.8262, 0.5117, 0.2592



1.1733, 0.4843, 0.2442

Previews

White Background



This preview shows how the Yxy color 55.0390, 0.3540, 0.2889 looks on a white background.

Color Contrast Check

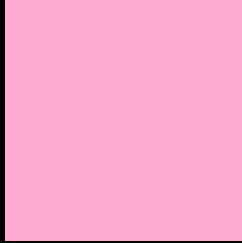
Large Text (above 18pt) WCAG AA × Fail

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 55.0390, 0.3540, 0.2889 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 55.0390, 0.3540, 0.2889

Background



This preview shows how black text looks on a background with the Yxy color 55.0390, 0.3540, 0.2889.



This preview shows how white text looks on a background with the Yxy color 55.0390, 0.3540, 0.2889.

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

55.0390, 0.3540, 0.2889

Protanopia

55.5428, 0.2885, 0.2935

Deuteranopia

55.1320, 0.3177, 0.3104



Tritanopia

55.1734, 0.3712, 0.3155

Trichromacy



Original Color

55.0390, 0.3540, 0.2889



Protanomaly

54.5813, 0.3097, 0.2904



Deuteranomaly

54.7029, 0.3308, 0.3022



Tritanomaly

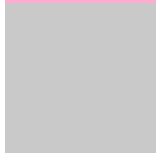
55.3285, 0.3650, 0.3061

Monochromacy



Original Color

55.0390, 0.3540, 0.2889



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.5587, 0.3274, 0.3131

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0390, 0.3540, 0.2889 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 210) }
```

Border

The CSS property to change the border of an element to Yxy 55.0390, 0.3540, 0.2889 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, 210) }
```

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

```
.border{ border-color:rgb(255, 171, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0390, 0.3540, 0.2889 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, 210) }
```

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

```
.background{ background-color: rgb(255,  
171, 210) }
```

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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