

Converting Colors

$Y_{xy}(54.1070, 0.3647, 0.2997)$

Have a look what the booklet for
Yxy(54.1070, 0.3647, 0.2997)
contains.

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Color

Yxy(54.0867, 0.3650, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAC6
RGB	255, 170, 198
RGB Percent	100%, 67%, 78%
CMY	0.0000, 0.3333, 0.2235
CMYK	0.00, 0.33, 0.22, 0.00
HSL	340°, 100%, 83%
HSV	340°, 33%, 100%
XYZ	65.8055, 54.0867, 60.3968
YIQ	198.6070, 41.6720, 26.7280

Conversions

Conversions Part 2

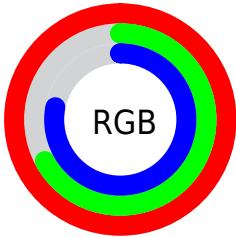
Format	Color
R_{YB}	255, 170, 198
Decimal	16755398
CIE _{Lab}	78.51, 34.95, -1.38
CIE _{LCh}	79, 34.975, 357.744
Yxy	54.0867, 0.3650, 0.3000
Android (android.graphics.Color)	4294945478 (0xFFFFAAC6)
YUV	198.6070, -0.2993, 49.4567
Hunter-Lab	73.5437, 31.0170, 2.7894

Details

The Yxy color **54.0867, 0.3650, 0.3000** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.6087, 0.2787, 0.3604**, and the grayscale version is **56.8452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **26.6065, 0.3794, 0.2932** is the 20% darker color. If you saturate the color by 10%, you get **44.6924, 0.3885, 0.2912**, and if you desaturate by 10%, it is **65.4292, 0.3455, 0.3091**.

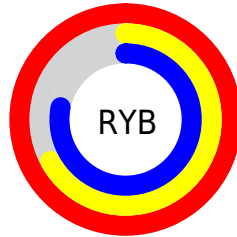
Distribution



Red (100%)

Green (67%)

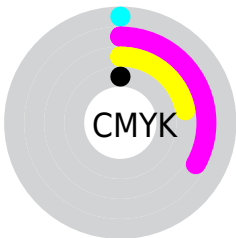
Blue (78%)



Red (100%)

Yellow (67%)

Blue (78%)

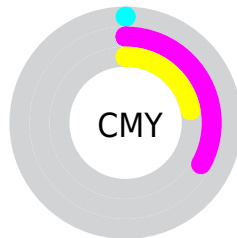


Cyan (0%)

Magenta (33%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0867, 0.3650, 0.3000 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 54.0867, 0.3650, 0.3000 by changing the saturation by 10% instead.


 54.0867, 0.3650,
0.3000

 54.0867, 0.3650,
0.3000


402.4405, 0.3396,
0.3140

 38.6710, 0.3711,
0.2966

 96.2015, 0.3559,
0.3050

 26.5039, 0.3789,
0.2924


123.6694, 0.3525,
0.3069

 17.2010, 0.3890,
0.2869


155.9235, 0.3495,
0.3085

 10.3779, 0.4027,
0.2795

193.3482, 0.3470,
0.3099

 5.6502, 0.4222,
0.2689

236.3278, 0.3448,
0.3111

 2.6336, 0.4525,
0.2528

285.2468, 0.3428,

 0.9436, 0.5046,

0.3122

0.2253

340.4896, 0.3411,
0.3132

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0867, 0.3650,
0.3000

■ 54.0867, 0.3650,
0.3000

■ 44.6924, 0.3885,
0.2912

■ 65.4292, 0.3455,
0.3091

■ 37.1282, 0.4163,
0.2835

■ 78.8140, 0.3295,
0.3179

■ 31.2747, 0.4481,
0.2778

■ 94.3383, 0.3165,
0.3263

■ 26.9954, 0.4827,
0.2755

■ 99.9986, 0.3127,
0.3290

■ 24.1322, 0.5181,
0.2776

■ 22.4934, 0.5510,
0.2848

■ 21.8984, 0.5705,
0.2916

Harmonies

Analogous

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



54.0867, 0.3187, 0.2717



54.0867, 0.3650, 0.3000



54.0867, 0.3976, 0.3358

Triad

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



54.0867, 0.3650, 0.3000



54.0867, 0.3476, 0.4133



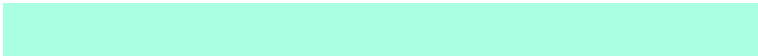
54.0867, 0.2280, 0.2761

Complementary

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



54.0867, 0.3650, 0.3000



85.6087, 0.2787, 0.3604

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.



54.0867, 0.2344, 0.3126



54.0867, 0.3650, 0.3000



54.0867, 0.3016, 0.3978

Square

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



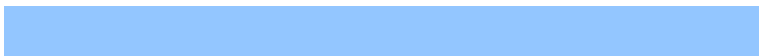
54.0867, 0.3650, 0.3000



54.0867, 0.3859, 0.4019



54.0867, 0.2605, 0.3587



54.0867, 0.2418, 0.2570

Rectangle

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



54.0867, 0.3650, 0.3000



54.0867, 0.4057, 0.3607



54.0867, 0.2605, 0.3587



54.0867, 0.2279, 0.2866

Sweetspot

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



54.0892, 0.3650, 0.3000



83.7428, 0.3249, 0.3208



52.2495, 0.2942, 0.2402



17.4730, 0.3268, 0.3196



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.



54.0892, 0.3650, 0.3000



47.6130, 0.3802, 0.2941



58.5147, 0.3862, 0.3441



18.0857, 0.3242, 0.3212



11.4676, 0.5662, 0.2893



1.1358, 0.5343, 0.2717

Inverse Universe

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



54.0892, 0.3650, 0.3000



47.6130, 0.3802, 0.2941



78.5761, 0.2632, 0.3132



18.0857, 0.3242, 0.3212



11.4676, 0.5662, 0.2893



1.1358, 0.5343, 0.2717

Previews

White Background



This preview shows how the Yxy color 54.0867, 0.3650, 0.3000 looks on a white background.

Color Contrast Check

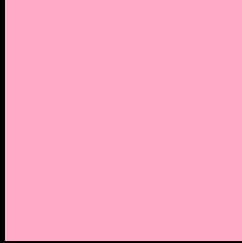
Large Text (above 18pt) WCAG AA × Fail

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 54.0867, 0.3650, 0.3000 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 54.0867, 0.3650, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 54.0867, 0.3650, 0.3000.



This preview shows how white text looks on a background with the Yxy color 54.0867, 0.3650, 0.3000.

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

54.0867, 0.3650, 0.3000

Protanopia

54.2309, 0.2989, 0.3061

Deuteranopia

54.0527, 0.3281, 0.3208



Tritanopia

54.0787, 0.3756, 0.3155

Trichromacy



Original Color

54.0867, 0.3650, 0.3000



Protanomaly

53.8018, 0.3214, 0.3037



Deuteranomaly

53.5272, 0.3410, 0.3121



Tritanomaly

53.9144, 0.3713, 0.3092

Monochromacy



Original Color

54.0867, 0.3650, 0.3000



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.1500, 0.3299, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0867, 0.3650, 0.3000 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, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 198)  
}
```

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, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 198) }
```

Border

The CSS property to change the border of an element to Yxy 54.0867, 0.3650, 0.3000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

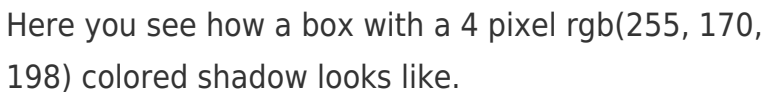
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 170, 198) }
```

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

```
.border{ border-color:rgb(255, 170, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 170, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 170, 198); box-shadow:4px 4px 4px 4px rgb(255, 170, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0867, 0.3650, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 198) }
```

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

```
.background{ background-color: rgb(255,  
170, 198) }
```

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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