

Converting Colors

$Yxy(53.5094, 0.3773, 0.3137)$

Have a look what the booklet for
Yxy(53.5094, 0.3773, 0.3137)
contains.

Yxy(53.5122, 0.3771, 0.3135)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.5122, 0.3771, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	FFAAB9
RGB	255, 170, 185
RGB Percent	100%, 67%, 73%
CMY	0.0000, 0.3333, 0.2747
CMYK	0.00, 0.33, 0.27, 0.00
HSL	349°, 100%, 83%
HSV	349°, 33%, 100%
XYZ	64.3683, 53.5122, 52.8124
YIQ	197.1250, 45.8450, 22.6850

Conversions

Conversions Part 2

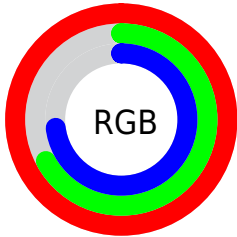
Format	Color
R_{YB}	255, 170, 185
Decimal	16755385
CIE _{Lab}	78.18, 33.15, 5.23
CIE _{LCh}	78, 33.562, 8.969
Yxy	53.5122, 0.3771, 0.3135
Android (android.graphics.Color)	4294945465 (0xFFFFAAB9)
YUV	197.1250, -5.9776, 50.7564
Hunter-Lab	73.1520, 29.0505, 8.4018

Details

The Yxy color **53.5122, 0.3771, 0.3135** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.3616, 0.2723, 0.3455**, and the grayscale version is **55.9306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0036, 0.3231, 0.3143**, and **26.2588, 0.3950, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **44.0400, 0.4067, 0.3089**, and if you desaturate by 10%, it is **64.9746, 0.3528, 0.3183**.

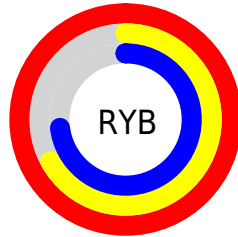
Distribution



Red (100%)

Green (67%)

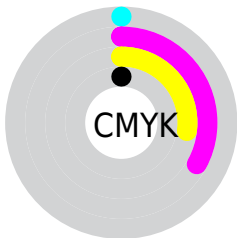
Blue (73%)



Red (100%)

Yellow (67%)

Blue (73%)

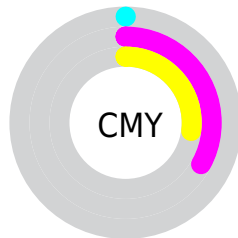


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5122, 0.3771, 0.3135 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 53.5122, 0.3771, 0.3135 by changing the saturation by 10% instead.


 53.5122, 0.3771,
0.3135

 53.5122, 0.3771,
0.3135


400.2471, 0.3455,
0.3215

 38.2118, 0.3848,
0.3115


 95.3576, 0.3657,
0.3164

 26.1471, 0.3946,
0.3088

122.6715, 0.3614,
0.3175

 16.9337, 0.4074,
0.3052


154.7586, 0.3578,
0.3185

 10.1873, 0.4249,
0.3002

192.0034, 0.3546,
0.3192

 5.5233, 0.4501,
0.2926

234.7902, 0.3519,
0.3199

 2.5574, 0.4893,
0.2800

283.5036, 0.3495,

 0.9053, 0.5637,

0.3205

0.2590

338.5277, 0.3474,
0.3210

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5122, 0.3771,
0.3135

53.5122, 0.3771,
0.3135

44.0400, 0.4067,
0.3089

64.9746, 0.3528,
0.3183

36.4373, 0.4420,
0.3051

78.5241, 0.3331,
0.3231

30.5817, 0.4822,
0.3028

94.2603, 0.3173,
0.3276

26.3332, 0.5250,
0.3029

100.0000, 0.3127,
0.3290

■ 23.5299, 0.5662,
0.3061

■ 21.9757, 0.6003,
0.3124

■ 21.4483, 0.6173,
0.3174

Harmonies

Analogous

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



53.5122, 0.3358, 0.2827



53.5122, 0.3771, 0.3135



53.5122, 0.4002, 0.3493

Triad

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



53.5122, 0.3771, 0.3135



53.5122, 0.3300, 0.4076



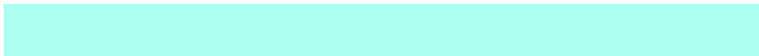
53.5122, 0.2336, 0.2691

Complementary

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



53.5122, 0.3771, 0.3135



86.3616, 0.2723, 0.3455

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.



53.5122, 0.2325, 0.2985



53.5122, 0.3771, 0.3135



53.5122, 0.2861, 0.3830

Square

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



53.5122, 0.3771, 0.3135



53.5122, 0.3712, 0.4060



53.5122, 0.2509, 0.3409



53.5122, 0.2540, 0.2571

Rectangle

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



53.5122, 0.3771, 0.3135



53.5122, 0.4014, 0.3726



53.5122, 0.2509, 0.3409



53.5122, 0.2310, 0.2770

Sweetspot

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



53.5146, 0.3771, 0.3135



83.5154, 0.3275, 0.3246



54.3972, 0.3042, 0.2428



17.4183, 0.3298, 0.3240



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.



53.5146, 0.3771, 0.3135



46.9805, 0.3962, 0.3104



64.0607, 0.3817, 0.3573



18.0392, 0.3267, 0.3248



11.2222, 0.6140, 0.3156



1.1063, 0.5855, 0.2999

Inverse Universe

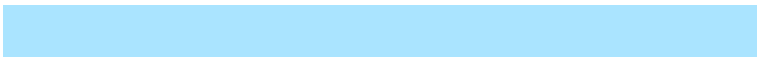
The Inverse Universe completely reimagines the original color for something new.



53.5146, 0.3771, 0.3135



46.9805, 0.3962, 0.3104



71.3018, 0.2613, 0.2986



18.0392, 0.3267, 0.3248



11.2222, 0.6140, 0.3156



1.1063, 0.5855, 0.2999

Previews

White Background



This preview shows how the Yxy color 53.5122, 0.3771, 0.3135 looks on a white background.

Color Contrast Check

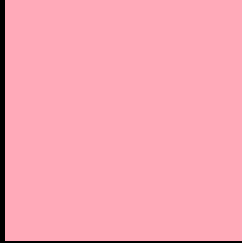
Large Text (above 18pt) WCAG AA × Fail

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 53.5122, 0.3771, 0.3135 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 53.5122, 0.3771, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 53.5122, 0.3771, 0.3135.



This preview shows how white text looks on a background with the Yxy color 53.5122, 0.3771, 0.3135.

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

53.5122, 0.3771, 0.3135

Protanopia

53.9529, 0.3114, 0.3229

Deuteranopia

53.6698, 0.3422, 0.3350



Tritanopia

53.4283, 0.3789, 0.3155

Trichromacy



Original Color

53.5122, 0.3771, 0.3135



Protanomaly

53.2999, 0.3335, 0.3197



Deuteranomaly

53.4556, 0.3548, 0.3269



Tritanomaly

53.4701, 0.3780, 0.3145

Monochromacy



Original Color

53.5122, 0.3771, 0.3135



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.2963, 0.3340, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5122, 0.3771, 0.3135 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.5122, 0.3771, 0.3135 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, 185) }
```

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

```
.border{ border-color:rgb(255, 170, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5122, 0.3771, 0.3135 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, 185) }
```

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

```
.background{ background-color: rgb(255,  
170, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor