

Converting Colors

$Yxy(53.9451, 0.3744, 0.3116)$

Have a look what the booklet for
Yxy(53.9451, 0.3744, 0.3116)
contains.

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Color

Yxy(54.0167, 0.3740, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	FFABBC
RGB	255, 171, 188
RGB Percent	100%, 67%, 74%
CMY	0.0000, 0.3294, 0.2628
CMYK	0.00, 0.33, 0.26, 0.00
HSL	348°, 100%, 84%
HSV	348°, 33%, 100%
XYZ	64.8755, 54.0167, 54.5718
YIQ	198.0540, 44.6070, 23.0950

Conversions

Conversions Part 2

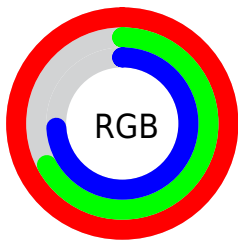
Format	Color
R _Y B	255, 171, 188
Decimal	16755644
CIE Lab	78.47, 33.03, 4.02
CIE LCh	78, 33.273, 6.931
Yxy	54.0167, 0.3740, 0.3114
Android (android.graphics.Color)	4294945724 (0xFFFFABBC)
YUV	198.0540, -4.9566, 49.9416
Hunter-Lab	73.4961, 28.9453, 7.4236

Details

The Yxy color **54.0167, 0.3740, 0.3114** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.3481, 0.2738, 0.3477**, and the grayscale version is **56.5179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.7298, 0.3211, 0.3124**, and **26.5765, 0.3907, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **44.4802, 0.4024, 0.3061**, and if you desaturate by 10%, it is **65.5401, 0.3507, 0.3170**.

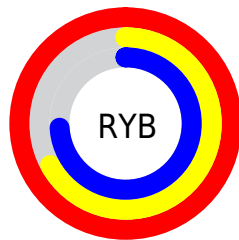
Distribution



Red (100%)

Green (67%)

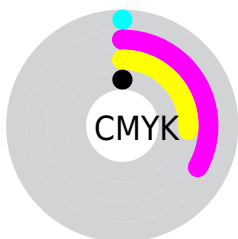
Blue (74%)



Red (100%)

Yellow (67%)

Blue (74%)

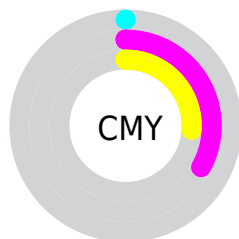


Cyan (0%)

Magenta (33%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0167, 0.3740, 0.3114 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 54.0167, 0.3740, 0.3114 by changing the saturation by 10% instead.


 54.0167, 0.3740,
0.3114

 54.0167, 0.3740,
0.3114

402.1737, 0.3440,
0.3203

 38.6150, 0.3813,
0.3092

 96.0988, 0.3632,
0.3147

 26.4604, 0.3905,
0.3063


123.5479, 0.3592,
0.3159

 17.1684, 0.4026,
0.3025


155.7817, 0.3557,
0.3169

 10.3546, 0.4191,
0.2971

193.1845, 0.3527,
0.3178

 5.6347, 0.4428,
0.2892

236.1407, 0.3501,
0.3185

 2.6243, 0.4797,
0.2764

285.0347, 0.3478,

 0.9389, 0.5461,

0.3192

0.2538

340.2509, 0.3458,
0.3198

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.0167, 0.3740,
0.3114

54.0167, 0.3740,
0.3114

44.4802, 0.4024,
0.3061

65.5401, 0.3507,
0.3170

36.8105, 0.4362,
0.3015

79.1462, 0.3318,
0.3224

30.8865, 0.4748,
0.2986

94.9337, 0.3166,
0.3276

26.5696, 0.5164,
0.2983

99.9982, 0.3127,
0.3290

■ 23.6997, 0.5572,
0.3014

■ 22.0836, 0.5920,
0.3081

■ 21.5018, 0.6110,
0.3140

Harmonies

Analogous

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



54.0167, 0.3325, 0.2814



54.0167, 0.3740, 0.3114



54.0167, 0.3984, 0.3467

Triad

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



54.0167, 0.3740, 0.3114



54.0167, 0.3329, 0.4073



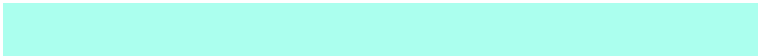
54.0167, 0.2338, 0.2712

Complementary

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



54.0167, 0.3740, 0.3114



86.3481, 0.2738, 0.3477

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.



54.0167, 0.2340, 0.3015



54.0167, 0.3740, 0.3114



54.0167, 0.2892, 0.3847

Square

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



54.0167, 0.3740, 0.3114



54.0167, 0.3729, 0.4042



54.0167, 0.2535, 0.3438



54.0167, 0.2527, 0.2582

Rectangle

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



54.0167, 0.3740, 0.3114



54.0167, 0.4008, 0.3699



54.0167, 0.2535, 0.3438



54.0167, 0.2317, 0.2795

Sweetspot

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



54.0193, 0.3740, 0.3114



83.5538, 0.3270, 0.3240



54.3198, 0.3021, 0.2432



17.4276, 0.3293, 0.3232



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.



54.0193, 0.3740, 0.3114



47.0832, 0.3935, 0.3076



63.1430, 0.3816, 0.3541



18.0471, 0.3262, 0.3242



11.2529, 0.6074, 0.3120



1.1104, 0.5776, 0.2955

Inverse Universe

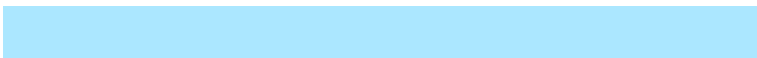
The Inverse Universe completely reimagines the original color for something new.



54.0193, 0.3740, 0.3114



47.0832, 0.3935, 0.3076



73.1412, 0.2623, 0.3022



18.0471, 0.3262, 0.3242



11.2529, 0.6074, 0.3120



1.1104, 0.5776, 0.2955

Previews

White Background



This preview shows how the Yxy color 54.0167, 0.3740, 0.3114 looks on a white background.

Color Contrast Check

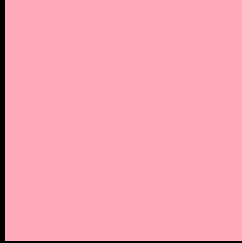
Large Text (above 18pt) WCAG AA × Fail

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 54.0167, 0.3740, 0.3114 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 54.0167, 0.3740, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 54.0167, 0.3740, 0.3114.



This preview shows how white text looks on a background with the Yxy color 54.0167, 0.3740, 0.3114.

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

54.0167, 0.3740, 0.3114

Protanopia

54.0927, 0.3092, 0.3193

Deuteranopia

54.2209, 0.3396, 0.3326



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.0167, 0.3740, 0.3114



Protanomaly

53.4352, 0.3310, 0.3163



Deuteranomaly

53.9900, 0.3520, 0.3246



Tritanomaly

54.3102, 0.3756, 0.3145

Monochromacy



Original Color

54.0167, 0.3740, 0.3114



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9216, 0.3339, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0167, 0.3740, 0.3114 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 188) }
```

Border

The CSS property to change the border of an element to Yxy 54.0167, 0.3740, 0.3114 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, 188) }
```

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

```
.border{ border-color:rgb(255, 171, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0167, 0.3740, 0.3114 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, 188) }
```

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

```
.background{ background-color: rgb(255,  
171, 188) }
```

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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