

Converting Colors

$Y_{xy}(52.9405, 0.3790, 0.3138)$

Have a look what the booklet for
Yxy(52.9405, 0.3790, 0.3138)
contains.

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Color

Yxy(53.0548, 0.3792, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9B7
RGB	255, 169, 183
RGB Percent	100%, 66%, 72%
CMY	0.0001, 0.3372, 0.2823
CMYK	0.00, 0.34, 0.28, 0.00
HSL	350°, 100%, 83%
HSV	350°, 34%, 100%
XYZ	63.9694, 53.0548, 51.6715
YIQ	196.3100, 46.7620, 22.5860

Conversions

Conversions Part 2

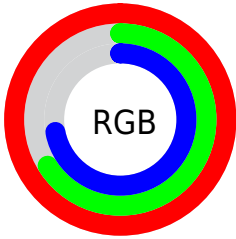
Format	Color
R_{YB}	255, 169, 183
Decimal	16755127
CIE _{Lab}	77.91, 33.40, 5.91
CIE _{LCh}	78, 33.921, 10.031
Yxy	53.0548, 0.3792, 0.3145
Android (android.graphics.Color)	4294945207 (0xFFFFA9B7)
YUV	196.3100, -6.5618, 51.4711
Hunter-Lab	72.8387, 29.2969, 8.9270

Details

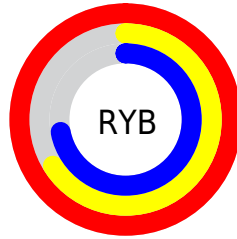
The Yxy color **53.0548, 0.3792, 0.3145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.2929, 0.2714, 0.3444**, and the grayscale version is **55.4185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3424, 0.3245, 0.3152**, and **25.9728, 0.3981, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **43.6536, 0.4096, 0.3103**, and if you desaturate by 10%, it is **64.4457, 0.3543, 0.3190**.

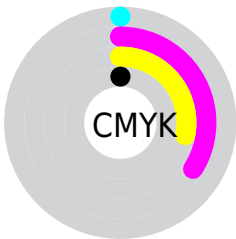
Distribution



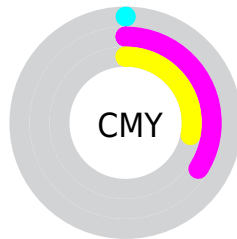
- Red (100%)
- Green (66%)
- Blue (72%)



- Red (100%)
- Yellow (66%)
- Blue (72%)



- Cyan (0%)
- Magenta (34%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0548, 0.3792, 0.3145 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 53.0548, 0.3792, 0.3145 by changing the saturation by 10% instead.


 53.0548, 0.3792,
0.3145

 53.0548, 0.3792,
0.3145


398.4953, 0.3465,
0.3221

 37.8465, 0.3872,
0.3125


 94.6850, 0.3674,
0.3173

 25.8636, 0.3973,
0.3100


121.8757, 0.3630,
0.3184

 16.7216, 0.4107,
0.3065


153.8293, 0.3592,
0.3192

 10.0362, 0.4288,
0.3015

190.9303, 0.3559,
0.3200

 5.4230, 0.4551,
0.2940

233.5630, 0.3531,
0.3206

 2.4975, 0.4960,
0.2814

282.1118, 0.3506,

 0.8754, 0.5771,

0.3212

0.2615

336.9611, 0.3484,
0.3216

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0548, 0.3792,
0.3145

53.0548, 0.3792,
0.3145

43.6536, 0.4096,
0.3103

64.4457, 0.3543,
0.3190

36.1204, 0.4457,
0.3068

77.9236, 0.3341,
0.3234

30.3322, 0.4867,
0.3048

93.5886, 0.3179,
0.3275

26.1477, 0.5301,
0.3052

99.9958, 0.3127,
0.3290

■ 23.4039, 0.5714,
0.3084

■ 21.9023, 0.6048,
0.3146

■ 21.4193, 0.6202,
0.3190

Harmonies

Analogous

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



53.0548, 0.3377, 0.2831



53.0548, 0.3792, 0.3145



53.0548, 0.4018, 0.3508

Triad

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



53.0548, 0.3792, 0.3145



53.0548, 0.3286, 0.4083



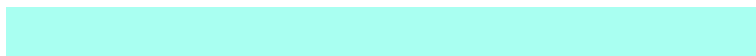
53.0548, 0.2330, 0.2675

Complementary

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



53.0548, 0.3792, 0.3145



86.2929, 0.2714, 0.3444

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.



53.0548, 0.2312, 0.2967



53.0548, 0.3792, 0.3145



53.0548, 0.2842, 0.3825

Square

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



53.0548, 0.3792, 0.3145



53.0548, 0.3706, 0.4075



53.0548, 0.2491, 0.3394



53.0548, 0.2543, 0.2561

Rectangle

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



53.0548, 0.3792, 0.3145



53.0548, 0.4023, 0.3743



53.0548, 0.2491, 0.3394



53.0548, 0.2302, 0.2753

Sweetspot

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



53.0573, 0.3792, 0.3145



83.4961, 0.3277, 0.3249



54.2404, 0.3052, 0.2420



17.4137, 0.3301, 0.3244



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.



53.0573, 0.3792, 0.3145



46.9296, 0.3976, 0.3118



64.3588, 0.3823, 0.3591



18.0353, 0.3269, 0.3252



11.2084, 0.6171, 0.3173



1.1044, 0.5893, 0.3020

Inverse Universe

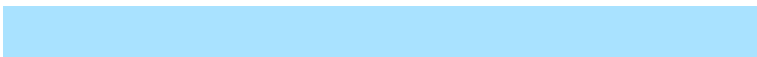
The Inverse Universe completely reimagines the original color for something new.



53.0573, 0.3792, 0.3145



46.9296, 0.3976, 0.3118



70.2247, 0.2605, 0.2965



18.0353, 0.3269, 0.3252



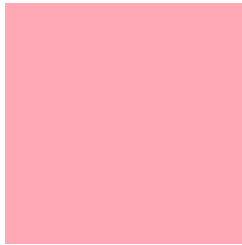
11.2084, 0.6171, 0.3173



1.1044, 0.5893, 0.3020

Previews

White Background



This preview shows how the Yxy color 53.0548, 0.3792, 0.3145 looks on a white background.

Color Contrast Check

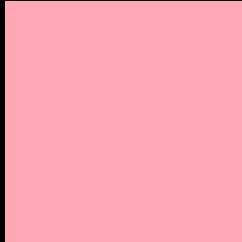
Large Text (above 18pt) WCAG AA × Fail

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 53.0548, 0.3792, 0.3145 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 53.0548, 0.3792, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 53.0548, 0.3792, 0.3145.



This preview shows how white text looks on a background with the Yxy color 53.0548, 0.3792, 0.3145.

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

53.0548, 0.3792, 0.3145

Protanopia

53.2869, 0.3121, 0.3241

Deuteranopia

53.1648, 0.3441, 0.3362



Tritanopia

53.0133, 0.3802, 0.3155

Trichromacy



Original Color

53.0548, 0.3792, 0.3145



Protanomaly

52.7943, 0.3353, 0.3209



Deuteranomaly

52.9676, 0.3568, 0.3280



Tritanomaly

53.0133, 0.3802, 0.3155

Monochromacy



Original Color

53.0548, 0.3792, 0.3145



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.6311, 0.3350, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0548, 0.3792, 0.3145 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, 169, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 183)  
}
```

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, 169, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 183) }
```

Border

The CSS property to change the border of an element to Yxy 53.0548, 0.3792, 0.3145 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, 169, 183) }
```

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

```
.border{ border-color:rgb(255, 169, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0548, 0.3792, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 183) }
```

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

```
.background{ background-color: rgb(255,  
169, 183) }
```

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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