

Converting Colors

Yxy(53.7417, 0.3805, 0.3188)

Have a look what the booklet for
Yxy(53.7417, 0.3805, 0.3188)
contains.

Yxy(53.7220, 0.3805, 0.3187)	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(53.7220, 0.3805, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFABB5
RGB	255, 171, 181
RGB Percent	100%, 67%, 71%
CMY	0.0001, 0.3294, 0.2902
CMYK	0.00, 0.33, 0.29, 0.00
HSL	353°, 100%, 84%
HSV	353°, 33%, 100%
XYZ	64.1394, 53.7220, 50.7047
YIQ	197.2560, 46.8540, 20.9180

Conversions

Conversions Part 2

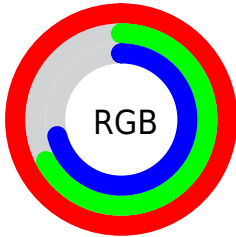
Format	Color
R _Y B	255, 171, 181
Decimal	16755637
CIE Lab	78.30, 32.10, 7.56
CIE LCh	78, 32.979, 13.258
Yxy	53.7220, 0.3805, 0.3187
Android (android.graphics.Color)	4294945717 (0xFFFFABB5)
YUV	197.2560, -8.0142, 50.6415
Hunter-Lab	73.2953, 27.9353, 10.2907

Details

The Yxy color **53.7220, 0.3805, 0.3187** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.7629, 0.2704, 0.3399**, and the grayscale version is **56.0272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3126, 0.3257, 0.3192**, and **26.3857, 0.3998, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **44.1530, 0.4122, 0.3156**, and if you desaturate by 10%, it is **65.3028, 0.3546, 0.3220**.

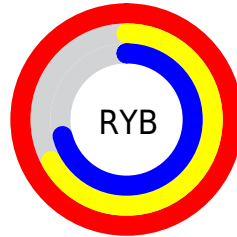
Distribution



Red (100%)

Green (67%)

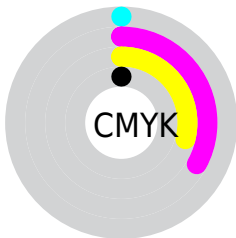
Blue (71%)



Red (100%)

Yellow (67%)

Blue (71%)

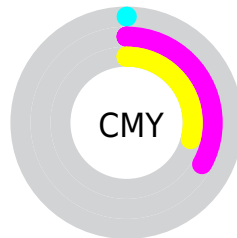


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7220, 0.3805, 0.3187 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 53.7220, 0.3805, 0.3187 by changing the saturation by 10% instead.

 53.7220, 0.3805,
0.3187

 53.7220, 0.3805,
0.3187


401.0490, 0.3472,
0.3243

 38.3795, 0.3886,
0.3172


 95.6659, 0.3685,
0.3208

 26.2773, 0.3990,
0.3152


123.0361, 0.3640,
0.3216

 17.0312, 0.4125,
0.3124


155.1843, 0.3601,
0.3223

 10.2568, 0.4309,
0.3083

192.4949, 0.3568,
0.3228

 5.5695, 0.4575,
0.3020

235.3522, 0.3539,
0.3233

 2.5851, 0.4988,
0.2910

284.1408, 0.3514,

 0.9192, 0.5835,

0.3237

0.2753

339.2449, 0.3492,
0.3240

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.7220, 0.3805,
0.3187

53.7220, 0.3805,
0.3187

44.1530, 0.4122,
0.3156

65.3028, 0.3546,
0.3220

36.4738, 0.4499,
0.3132

78.9930, 0.3337,
0.3251

30.5610, 0.4928,
0.3118

94.8930, 0.3170,
0.3282

26.2736, 0.5379,
0.3122

99.9973, 0.3127,
0.3290

■ 23.4488, 0.5800,
0.3149

■ 21.8895, 0.6128,
0.3197

■ 21.3527, 0.6283,
0.3235

Harmonies

Analogous

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



53.7220, 0.3418, 0.2873



53.7220, 0.3805, 0.3187



53.7220, 0.3998, 0.3541

Triad

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



53.7220, 0.3805, 0.3187



53.7220, 0.3235, 0.4041



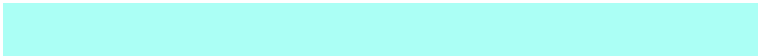
53.7220, 0.2367, 0.2674

Complementary

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



53.7220, 0.3805, 0.3187



86.7629, 0.2704, 0.3399

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.



53.7220, 0.2328, 0.2941



53.7220, 0.3805, 0.3187



53.7220, 0.2809, 0.3767

Square

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



53.7220, 0.3805, 0.3187



53.7220, 0.3650, 0.4063



53.7220, 0.2483, 0.3344



53.7220, 0.2593, 0.2581

Rectangle

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



53.7220, 0.3805, 0.3187



53.7220, 0.3985, 0.3765



53.7220, 0.2483, 0.3344



53.7220, 0.2333, 0.2744

Sweetspot

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



53.7246, 0.3805, 0.3187



83.4322, 0.3284, 0.3261



55.5456, 0.3077, 0.2447



17.3984, 0.3309, 0.3256



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.



53.7246, 0.3805, 0.3187



46.7639, 0.4023, 0.3165



66.3470, 0.3793, 0.3612



18.0222, 0.3276, 0.3262



11.1697, 0.6257, 0.3221



1.0982, 0.6019, 0.3089

Inverse Universe

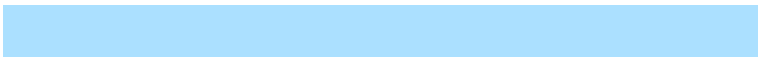
The Inverse Universe completely reimagines the original color for something new.



53.7246, 0.3805, 0.3187



46.7639, 0.4023, 0.3165



69.2953, 0.2613, 0.2942



18.0222, 0.3276, 0.3262



11.1697, 0.6257, 0.3221



1.0982, 0.6019, 0.3089

Previews

White Background



This preview shows how the Yxy color 53.7220, 0.3805, 0.3187 looks on a white background.

Color Contrast Check

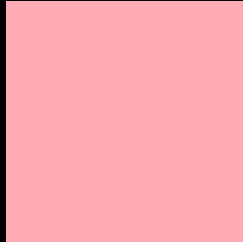
Large Text (above 18pt) WCAG AA × Fail

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 53.7220, 0.3805, 0.3187 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 53.7220, 0.3805, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 53.7220, 0.3805, 0.3187.



This preview shows how white text looks on a background with the Yxy color 53.7220, 0.3805, 0.3187.

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

53.7220, 0.3805, 0.3187

Protanopia

53.9960, 0.3168, 0.3290

Deuteranopia

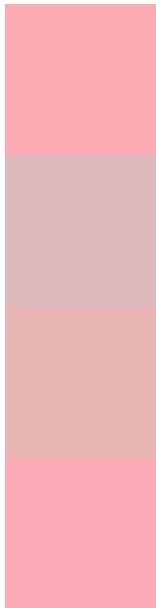
53.8151, 0.3473, 0.3397



Tritanopia

53.8465, 0.3777, 0.3155

Trichromacy



Original Color

53.7220, 0.3805, 0.3187

Protanomaly

53.4321, 0.3385, 0.3244

Deuteranomaly

53.4582, 0.3592, 0.3314

Tritanomaly

53.8047, 0.3786, 0.3166

Monochromacy



Original Color

53.7220, 0.3805, 0.3187

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.6335, 0.3355, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7220, 0.3805, 0.3187 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 181) }
```

Border

The CSS property to change the border of an element to Yxy 53.7220, 0.3805, 0.3187 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, 181) }
```

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

```
.border{ border-color:rgb(255, 171, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7220, 0.3805, 0.3187 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
171, 181) }
```

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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