

Converting Colors

Yxy(56.6785, 0.3802, 0.3114)

Have a look what the booklet for
Yxy(56.6785, 0.3802, 0.3114)
contains.

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Color

Yxy(54.8648, 0.3716, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	FFADBE
RGB	255, 173, 190
RGB Percent	100%, 68%, 75%
CMY	0.0001, 0.3215, 0.2549
CMYK	0.00, 0.32, 0.25, 0.00
HSL	348°, 100%, 84%
HSV	348°, 32%, 100%
XYZ	65.4713, 54.8648, 55.8515
YIQ	199.4560, 43.4150, 22.6710

Conversions

Conversions Part 2

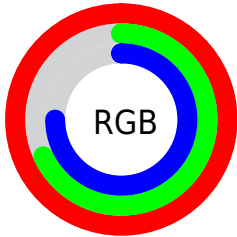
Format	Color
R_{YB}	255, 173, 190
Decimal	16756158
CIE _{Lab}	78.96, 32.25, 3.63
CIE _{LCh}	79, 32.457, 6.423
Yxy	54.8648, 0.3716, 0.3114
Android (android.graphics.Color)	4294946238 (0xFFFFADBE)
YUV	199.4560, -4.6618, 48.7121
Hunter-Lab	74.0708, 28.1526, 7.1432

Details

The Yxy color **54.8648, 0.3716, 0.3114** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.5654, 0.2748, 0.3477**, and the grayscale version is **57.4177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9524, 0.3196, 0.3124**, and **27.1094, 0.3873, 0.3065** is the 20% darker color. If you saturate the color by 10%, you get **45.1794, 0.3994, 0.3059**, and if you desaturate by 10%, it is **66.5439, 0.3488, 0.3171**.

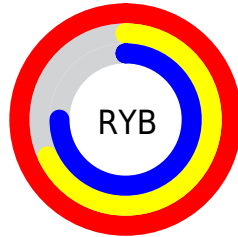
Distribution



Red (100%)

Green (68%)

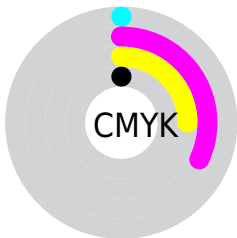
Blue (75%)



Red (100%)

Yellow (68%)

Blue (75%)

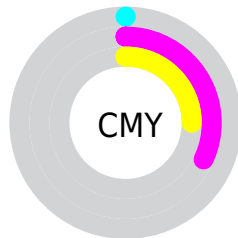


Cyan (0%)

Magenta (32%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.8648, 0.3716, 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 54.8648, 0.3716, 0.3114 by changing the saturation by 10% instead.


 54.8648, 0.3716,
0.3114

 54.8648, 0.3716,
0.3114

405.3992, 0.3428,
0.3202

 39.2935, 0.3786,
0.3092

 97.3428, 0.3613,
0.3146

 26.9881, 0.3874,
0.3064


125.0184, 0.3574,
0.3158

 17.5643, 0.3989,
0.3026


157.4974, 0.3541,
0.3168

 10.6376, 0.4146,
0.2974

195.1643, 0.3512,
0.3177

 5.8237, 0.4370,
0.2898

238.4036, 0.3487,
0.3185

 2.7382, 0.4718,
0.2774

287.5996, 0.3465,

 0.9966, 0.5329,

0.3191

0.2553

343.1367, 0.3446,
0.3197

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.8648, 0.3716,
0.3114

54.8648, 0.3716,
0.3114

45.1794, 0.3994,
0.3059

66.5439, 0.3488,
0.3171

37.3684, 0.4325,
0.3011

80.3117, 0.3304,
0.3227

31.3119, 0.4705,
0.2980

96.2664, 0.3155,
0.3279

26.8727, 0.5118,
0.2973

99.9959, 0.3127,
0.3290

■ 23.8931, 0.5526,
0.3001

■ 22.1832, 0.5881,
0.3066

■ 21.5112, 0.6097,
0.3132

Harmonies

Analogous

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



54.8648, 0.3312, 0.2823



54.8648, 0.3716, 0.3114



54.8648, 0.3957, 0.3458

Triad

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



54.8648, 0.3716, 0.3114



54.8648, 0.3331, 0.4050



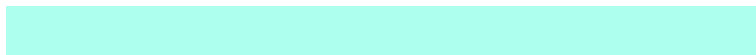
54.8648, 0.2358, 0.2733

Complementary

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



54.8648, 0.3716, 0.3114



86.5654, 0.2748, 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.



54.8648, 0.2363, 0.3030



54.8648, 0.3716, 0.3114



54.8648, 0.2906, 0.3835

Square

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



54.8648, 0.3716, 0.3114



54.8648, 0.3718, 0.4017



54.8648, 0.2557, 0.3441



54.8648, 0.2539, 0.2602

Rectangle

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



54.8648, 0.3716, 0.3114



54.8648, 0.3982, 0.3684



54.8648, 0.2557, 0.3441



54.8648, 0.2338, 0.2814

Sweetspot

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



54.8674, 0.3716, 0.3114



83.5613, 0.3269, 0.3238



55.1550, 0.3025, 0.2454



17.4294, 0.3292, 0.3231



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.



54.8674, 0.3716, 0.3114



48.0268, 0.3901, 0.3076



63.8619, 0.3795, 0.3534



18.0486, 0.3262, 0.3241



11.2594, 0.6061, 0.3112



1.1112, 0.5760, 0.2947

Inverse Universe

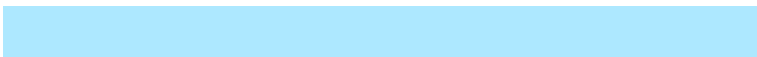
The Inverse Universe completely reimagines the original color for something new.



54.8674, 0.3716, 0.3114



48.0268, 0.3901, 0.3076



73.6809, 0.2635, 0.3030



18.0486, 0.3262, 0.3241



11.2594, 0.6061, 0.3112



1.1112, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 54.8648, 0.3716, 0.3114 looks on a white background.

Color Contrast Check

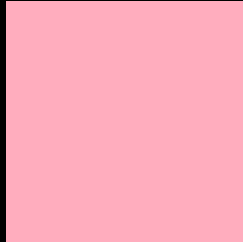
Large Text (above 18pt) WCAG AA × Fail

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 54.8648, 0.3716, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

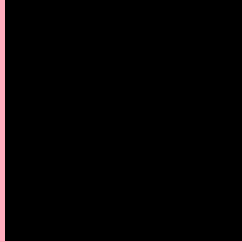
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.8648, 0.3716, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 54.8648, 0.3716, 0.3114.



This preview shows how white text looks on a background with the Yxy color 54.8648, 0.3716, 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

54.8648, 0.3716, 0.3114

Protanopia

55.2123, 0.3084, 0.3194

Deuteranopia

54.8885, 0.3386, 0.3314



Tritanopia

55.1200, 0.3741, 0.3156

Trichromacy



Original Color

54.8648, 0.3716, 0.3114



Protanomaly

54.5233, 0.3300, 0.3163



Deuteranomaly

54.4867, 0.3501, 0.3235



Tritanomaly

55.1629, 0.3732, 0.3145

Monochromacy



Original Color

54.8648, 0.3716, 0.3114



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.8725, 0.3321, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.8648, 0.3716, 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, 173, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 190)  
}
```

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, 173, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 190) }
```

Border

The CSS property to change the border of an element to Yxy 54.8648, 0.3716, 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, 173, 190) }
```

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

```
.border{ border-color:rgb(255, 173, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 54.8648, 0.3716, 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, 173, 190) }
```

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

```
.background{ background-color: rgb(255,  
173, 190) }
```

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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