

Converting Colors

$Yxy(54.2988, 0.3631, 0.3025)$

Have a look what the booklet for
Yxy(54.2988, 0.3631, 0.3025)
contains.

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Color

Yxy(54.4189, 0.3637, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	FDACC5
RGB	253, 172, 197
RGB Percent	99%, 67%, 77%
CMY	0.0078, 0.3255, 0.2273
CMYK	0.00, 0.32, 0.22, 0.01
HSL	341°, 95%, 83%
HSV	341°, 32%, 99%
XYZ	65.3422, 54.4189, 59.8985
YIQ	199.0690, 40.2510, 24.9470

Conversions

Conversions Part 2

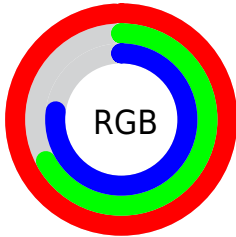
Format	Color
R _Y B	253, 172, 197
Decimal	16624837
CIE Lab	78.71, 33.07, -0.59
CIE LCh	79, 33.080, 358.977
Yxy	54.4189, 0.3637, 0.3029
Android (android.graphics.Color)	4294814917 (0xFFFDACC5)
YUV	199.0690, -1.0200, 47.2975
Hunter-Lab	73.7692, 29.0132, 3.4966

Details

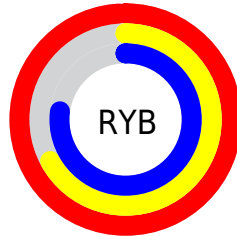
The Yxy color **54.4189, 0.3637, 0.3029** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6250, 0.2791, 0.3571**, and the grayscale version is **57.1479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.9026, 0.3146, 0.3038**, and **26.7789, 0.3776, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **44.9347, 0.3874, 0.2946**, and if you desaturate by 10%, it is **65.8343, 0.3441, 0.3114**.

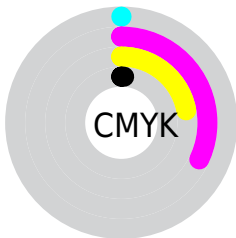
Distribution



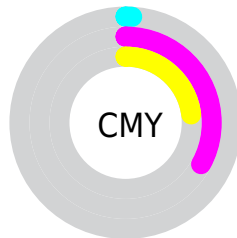
- Red (99%)
- Green (67%)
- Blue (77%)



- Red (99%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (1%)





- Cyan (1%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4189, 0.3637, 0.3029 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 54.4189, 0.3637, 0.3029 by changing the saturation by 10% instead.


 54.4189, 0.3637,
0.3029

 54.4189, 0.3637,
0.3029


403.7054, 0.3389,
0.3156

 38.9367, 0.3697,
0.2999


 96.6890, 0.3548,
0.3074

 26.7105, 0.3772,
0.2960

124.2457, 0.3515,
0.3091

 17.3559, 0.3871,
0.2910


156.5960, 0.3486,
0.3106

 10.4886, 0.4005,
0.2842

194.1243, 0.3461,
0.3119

 5.7241, 0.4197,
0.2745

237.2150, 0.3440,
0.3130

 2.6780, 0.4493,
0.2596

286.2525, 0.3421,

 0.9661, 0.5006,

0.3139

0.2339

341.6211, 0.3404,
0.3148

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4189, 0.3637,
0.3029

54.4189, 0.3637,
0.3029

44.9347, 0.3874,
0.2946

65.8343, 0.3441,
0.3114

37.2665, 0.4156,
0.2872

79.2724, 0.3281,
0.3197

31.2987, 0.4480,
0.2817

94.8280, 0.3150,
0.3275

26.8992, 0.4836,
0.2792

99.6237, 0.3115,
0.3290

■ 23.9159, 0.5201,
0.2810

■ 22.1658, 0.5542,
0.2877

■ 21.4361, 0.5778,
0.2957

Harmonies

Analogous

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



54.4189, 0.3203, 0.2755



54.4189, 0.3637, 0.3029



54.4189, 0.3936, 0.3372

Triad

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



54.4189, 0.3637, 0.3029



54.4189, 0.3441, 0.4083



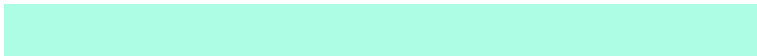
54.4189, 0.2325, 0.2781

Complementary

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



54.4189, 0.3637, 0.3029



84.6250, 0.2791, 0.3571

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.



54.4189, 0.2379, 0.3121



54.4189, 0.3637, 0.3029



54.4189, 0.3006, 0.3925

Square

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



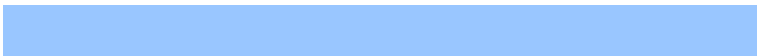
54.4189, 0.3637, 0.3029



54.4189, 0.3808, 0.3989



54.4189, 0.2621, 0.3553



54.4189, 0.2465, 0.2604

Rectangle

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



54.4189, 0.3637, 0.3029



54.4189, 0.4005, 0.3607



54.4189, 0.2621, 0.3553



54.4189, 0.2322, 0.2878

Sweetspot

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



54.4214, 0.3637, 0.3029



83.7123, 0.3252, 0.3213



52.9861, 0.2961, 0.2441



17.4657, 0.3272, 0.3202



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.



54.4214, 0.3637, 0.3029



49.3803, 0.3774, 0.2979



59.3400, 0.3818, 0.3449



18.0795, 0.3245, 0.3217



11.4255, 0.5737, 0.2934



1.1311, 0.5417, 0.2758

Inverse Universe

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



54.4214, 0.3637, 0.3029



49.3803, 0.3774, 0.2979



77.1021, 0.2648, 0.3124



18.0795, 0.3245, 0.3217



11.4255, 0.5737, 0.2934



1.1311, 0.5417, 0.2758

Previews

White Background



This preview shows how the Yxy color 54.4189, 0.3637, 0.3029 looks on a white background.

Color Contrast Check

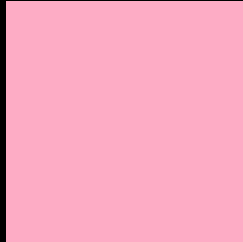
Large Text (above 18pt) WCAG AA × Fail

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 54.4189, 0.3637, 0.3029 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 54.4189, 0.3637, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 54.4189, 0.3637, 0.3029.



This preview shows how white text looks on a background with the Yxy color 54.4189, 0.3637, 0.3029.

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

54.4189, 0.3637, 0.3029

Protanopia

54.7061, 0.3011, 0.3098

Deuteranopia

54.5864, 0.3296, 0.3232



Tritanopia

54.5554, 0.3715, 0.3154

Trichromacy



Original Color

54.4189, 0.3637, 0.3029



Protanomaly

53.9727, 0.3220, 0.3071



Deuteranomaly

54.3011, 0.3416, 0.3155



Tritanomaly

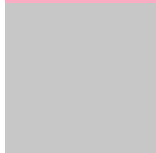
54.3442, 0.3681, 0.3102

Monochromacy



Original Color

54.4189, 0.3637, 0.3029



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.5325, 0.3306, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4189, 0.3637, 0.3029 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(253, 172, 197)` looks like.

```
.text, #text, p{  
    color:rgb(253, 172, 197)  
}
```

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(253, 172, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 172, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.4189, 0.3637, 0.3029 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(253, 172, 197) }
```

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

```
.border{ border-color:rgb(253, 172, 197) }
```

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

Here you see how a box with a 4 pixel rgb(253, 172, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 172, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 172, 197);  
box-shadow:4px 4px 4px 4px rgb(253, 172,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4189, 0.3637, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 172, 197) }
```

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

```
.background{ background-color: rgb(253,  
172, 197) }
```

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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