

Converting Colors

$Yxy(53.6303, 0.3586, 0.3038)$

Have a look what the booklet for
Yxy(53.6303, 0.3586, 0.3038)
contains.

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Color

Yxy(53.6925, 0.3582, 0.3035)

Conversions

Conversions Part 1

Format	Color
Hex	F7ADC5
RGB	247, 173, 197
RGB Percent	97%, 68%, 77%
CMY	0.0315, 0.3215, 0.2274
CMYK	0.00, 0.30, 0.20, 0.03
HSL	341°, 82%, 82%
HSV	341°, 30%, 97%
XYZ	63.3695, 53.6925, 59.8490
YIQ	197.8620, 36.4000, 23.1520

Conversions

Conversions Part 2

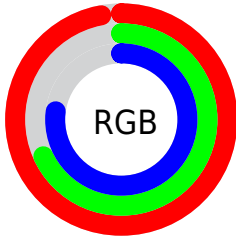
Format	Color
R _Y B	247, 173, 197
Decimal	16231877
CIE Lab	78.28, 30.41, -1.28
CIE LCh	78, 30.440, 357.598
Yxy	53.6925, 0.3582, 0.3035
Android (android.graphics.Color)	4294421957 (0xFFF7ADC5)
YUV	197.8620, -0.4250, 43.0940
Hunter-Lab	73.2752, 26.1381, 2.8663

Details

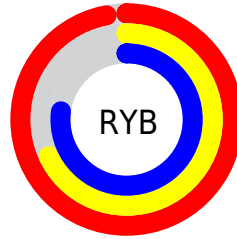
The Yxy color **53.6925, 0.3582, 0.3035** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.7119, 0.2817, 0.3563**, and the grayscale version is **56.3710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4544, 0.3145, 0.3048**, and **26.2349, 0.3702, 0.2974** is the 20% darker color. If you saturate the color by 10%, you get **44.3583, 0.3804, 0.2947**, and if you desaturate by 10%, it is **64.8668, 0.3399, 0.3124**.

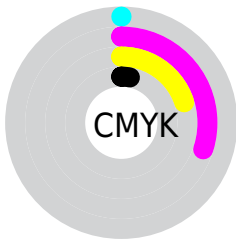
Distribution



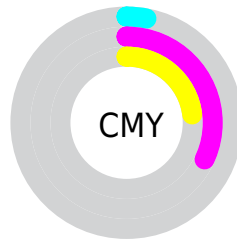
- Red (97%)
- Green (68%)
- Blue (77%)



- Red (97%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (3%)




- Cyan (3%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6925, 0.3582, 0.3035 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 53.6925, 0.3582, 0.3035 by changing the saturation by 10% instead.


 53.6925, 0.3582,
0.3035

 53.6925, 0.3582,
0.3035


400.9363, 0.3360,
0.3159

 38.3559, 0.3636,
0.3005


 95.6226, 0.3503,
0.3079

 26.2590, 0.3703,
0.2968


122.9849, 0.3473,
0.3096

 17.0175, 0.3792,
0.2919


155.1245, 0.3447,
0.3110

 10.2470, 0.3912,
0.2853

192.4258, 0.3425,
0.3123

 5.5630, 0.4085,
0.2758

235.2733, 0.3406,
0.3133

 2.5812, 0.4354,
0.2613

284.0512, 0.3389,

 0.9172, 0.4825,

0.3143

0.2362

339.1441, 0.3374,
0.3151

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6925, 0.3582,
0.3035

53.6925, 0.3582,
0.3035

44.3583, 0.3804,
0.2947

64.8668, 0.3399,
0.3124

36.7574, 0.4069,
0.2867

77.9656, 0.3249,
0.3210

30.7835, 0.4376,
0.2803

93.0770, 0.3126,
0.3290

26.3155, 0.4717,
0.2767

98.5072, 0.3078,
0.3290

■ 23.2147, 0.5073,
0.2773

■ 21.3169, 0.5416,
0.2827

■ 20.3526, 0.5718,
0.2924

■ 20.3479, 0.5719,
0.2924

Harmonies

Analogous

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



53.6925, 0.3180, 0.2783



53.6925, 0.3582, 0.3035



53.6925, 0.3865, 0.3354

Triad

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



53.6925, 0.3582, 0.3035



53.6925, 0.3438, 0.4021



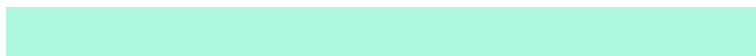
53.6925, 0.2380, 0.2831

Complementary

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



53.6925, 0.3582, 0.3035



80.7119, 0.2817, 0.3563

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.



53.6925, 0.2439, 0.3154



53.6925, 0.3582, 0.3035



53.6925, 0.3035, 0.3885

Square

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



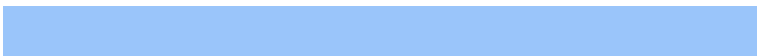
53.6925, 0.3582, 0.3035



53.6925, 0.3771, 0.3930



53.6925, 0.2673, 0.3551



53.6925, 0.2502, 0.2657

Rectangle

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



53.6925, 0.3582, 0.3035



53.6925, 0.3937, 0.3573



53.6925, 0.2673, 0.3551



53.6925, 0.2379, 0.2924

Sweetspot

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



53.6950, 0.3582, 0.3035



85.2626, 0.3236, 0.3217



52.1889, 0.2965, 0.2498



17.7756, 0.3256, 0.3205



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.



53.6950, 0.3582, 0.3035



51.3745, 0.3713, 0.2981



57.6286, 0.3762, 0.3425



16.5711, 0.3242, 0.3213



10.7881, 0.5676, 0.2900



0.9662, 0.5324, 0.2706

Inverse Universe

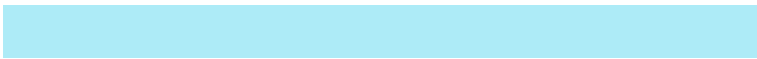
The Inverse Universe completely reimagines the original color for something new.



53.6950, 0.3582, 0.3035



51.3745, 0.3713, 0.2981



74.8101, 0.2679, 0.3150



16.5711, 0.3242, 0.3213



10.7881, 0.5676, 0.2900



0.9662, 0.5324, 0.2706

Previews

White Background



This preview shows how the Yxy color 53.6925, 0.3582, 0.3035 looks on a white background.

Color Contrast Check

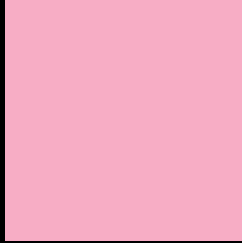
Large Text (above 18pt) WCAG AA × Fail

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 53.6925, 0.3582, 0.3035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

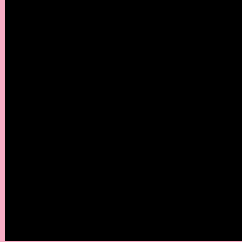
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.6925, 0.3582, 0.3035

Background



This preview shows how black text looks on a background with the Yxy color 53.6925, 0.3582, 0.3035.



This preview shows how white text looks on a background with the Yxy color 53.6925, 0.3582, 0.3035.

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

53.6925, 0.3582, 0.3035

Protanopia

54.0808, 0.3010, 0.3097

Deuteranopia

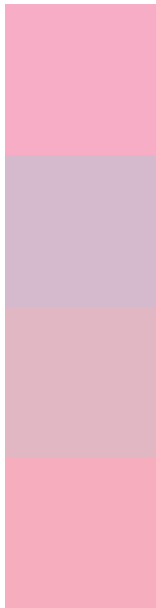
53.8585, 0.3280, 0.3220



Tritanopia

53.8836, 0.3650, 0.3151

Trichromacy



Original Color

53.6925, 0.3582, 0.3035

Protanomaly

53.6717, 0.3204, 0.3069

Deuteranomaly

53.8147, 0.3390, 0.3154

Tritanomaly

53.6265, 0.3625, 0.3108

Monochromacy



Original Color

53.6925, 0.3582, 0.3035

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.0713, 0.3281, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6925, 0.3582, 0.3035 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(247, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 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(247, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 197) }
```

Border

The CSS property to change the border of an element to Yxy 53.6925, 0.3582, 0.3035 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(247, 173, 197) }
```

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

```
.border{ border-color:rgb(247, 173, 197) }
```

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

Here you see how a box with a 4 pixel rgb(247, 173, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6925, 0.3582, 0.3035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 197) }
```

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

```
.background{ background-color: rgb(247,  
173, 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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