

Converting Colors

$Y_{xy}(53.0710, 0.3566, 0.3043)$

Have a look what the booklet for
Yxy(53.0710, 0.3566, 0.3043)
contains.

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Color

Yxy(53.1058, 0.3565, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	F4ADC4
RGB	244, 173, 196
RGB Percent	96%, 68%, 77%
CMY	0.0431, 0.3215, 0.2314
CMYK	0.00, 0.29, 0.20, 0.04
HSL	341°, 76%, 82%
HSV	341°, 29%, 96%
XYZ	62.2156, 53.1058, 59.1965
YIQ	196.8510, 34.9330, 22.2050

Conversions

Conversions Part 2

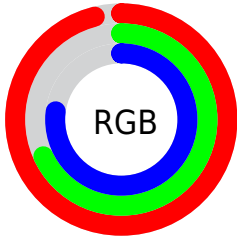
Format	Color
RYB	244, 173, 196
Decimal	16035268
CIELab	77.94, 29.23, -1.27
CIElCh	78, 29.259, 357.508
Yxy	53.1058, 0.3565, 0.3043
Android (android.graphics.Color)	4294225348 (0xFFF4ADC4)
YUV	196.8510, -0.4195, 41.3497
Hunter-Lab	72.8737, 24.8646, 2.8494

Details

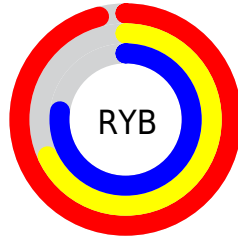
The Yxy color **53.1058, 0.3565, 0.3043** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8072, 0.2825, 0.3554**, and the grayscale version is **55.7286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3905, 0.3152, 0.3057**, and **25.9507, 0.3691, 0.2984** is the 20% darker color. If you saturate the color by 10%, you get **43.8788, 0.3784, 0.2955**, and if you desaturate by 10%, it is **64.1290, 0.3385, 0.3132**.

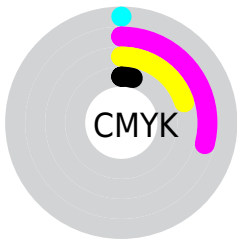
Distribution



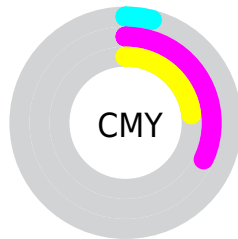
- Red (96%)
- Green (68%)
- Blue (77%)



- Red (96%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (29%)
- Yellow (20%)
- Black (4%)





- Cyan (4%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1058, 0.3565, 0.3043 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 53.1058, 0.3565, 0.3043 by changing the saturation by 10% instead.

 53.1058, 0.3565,
0.3043

 53.1058, 0.3565,
0.3043

398.6909, 0.3351,
0.3163

 37.8872, 0.3617,
0.3014


 94.7600, 0.3489,
0.3086

 25.8952, 0.3682,
0.2978

121.9645, 0.3459,
0.3102

 16.7452, 0.3768,
0.2930


153.9330, 0.3435,
0.3116

 10.0530, 0.3885,
0.2865

191.0501, 0.3413,
0.3128

 5.4341, 0.4054,
0.2773

233.7000, 0.3395,
0.3138

 2.5042, 0.4317,
0.2629

282.2672, 0.3379,

 0.8787, 0.4781,

0.3148

0.2380

337.1360, 0.3364,
0.3156

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1058, 0.3565,
0.3043

53.1058, 0.3565,
0.3043

43.8788, 0.3784,
0.2955

64.1290, 0.3385,
0.3132

36.3448, 0.4045,
0.2874

77.0297, 0.3237,
0.3217

30.4016, 0.4348,
0.2808

91.8929, 0.3117,
0.3297

25.9327, 0.4687,
0.2770

97.9732, 0.3060,
0.3290

■ 22.8053, 0.5043,
0.2771

■ 20.8626, 0.5388,
0.2821

■ 19.8680, 0.5693,
0.2915

■ 19.7982, 0.5719,
0.2924

Harmonies

Analogous

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



53.1058, 0.3177, 0.2799



53.1058, 0.3565, 0.3043



53.1058, 0.3838, 0.3352

Triad

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



53.1058, 0.3565, 0.3043



53.1058, 0.3429, 0.3995



53.1058, 0.2404, 0.2849

Complementary

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



53.1058, 0.3565, 0.3043



78.8072, 0.2825, 0.3554

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.



53.1058, 0.2463, 0.3161



53.1058, 0.3565, 0.3043



53.1058, 0.3040, 0.3863

Square

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



53.1058, 0.3565, 0.3043



53.1058, 0.3750, 0.3908



53.1058, 0.2690, 0.3543



53.1058, 0.2522, 0.2679

Rectangle

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



53.1058, 0.3565, 0.3043



53.1058, 0.3908, 0.3564



53.1058, 0.2690, 0.3543



53.1058, 0.2404, 0.2939

Sweetspot

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



53.1083, 0.3565, 0.3043



85.2620, 0.3236, 0.3217



51.6892, 0.2971, 0.2522



17.7755, 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.



53.1083, 0.3565, 0.3043



52.3664, 0.3691, 0.2990



56.8809, 0.3738, 0.3421



16.5710, 0.3243, 0.3214



10.7873, 0.5677, 0.2901



0.9662, 0.5325, 0.2707

Inverse Universe

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



53.1083, 0.3565, 0.3043



52.3664, 0.3691, 0.2990



73.2244, 0.2691, 0.3155



16.5710, 0.3243, 0.3214



10.7873, 0.5677, 0.2901



0.9662, 0.5325, 0.2707

Previews

White Background



This preview shows how the Yxy color 53.1058, 0.3565, 0.3043 looks on a white background.

Color Contrast Check

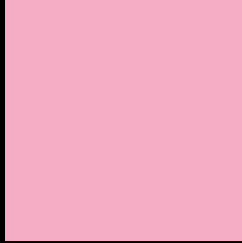
Large Text (above 18pt) WCAG AA × Fail

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 53.1058, 0.3565, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

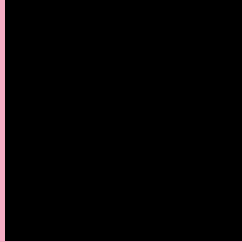
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1058, 0.3565, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 53.1058, 0.3565, 0.3043.



This preview shows how white text looks on a background with the Yxy color 53.1058, 0.3565, 0.3043.

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

53.1058, 0.3565, 0.3043

Protanopia

53.4107, 0.3017, 0.3108

Deuteranopia

53.2398, 0.3281, 0.3219



Tritanopia

52.9576, 0.3626, 0.3139

Trichromacy



Original Color

53.1058, 0.3565, 0.3043

Protanomaly

52.8586, 0.3204, 0.3079

Deuteranomaly

53.0389, 0.3382, 0.3153

Tritanomaly

53.0884, 0.3599, 0.3107

Monochromacy



Original Color

53.1058, 0.3565, 0.3043

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.2938, 0.3273, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1058, 0.3565, 0.3043 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(244, 173, 196)` looks like.

```
.text, #text, p{  
    color:rgb(244, 173, 196)  
}
```

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(244, 173, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 173, 196) }
```

Border

The CSS property to change the border of an element to Yxy 53.1058, 0.3565, 0.3043 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(244, 173, 196) }
```

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

```
.border{ border-color:rgb(244, 173, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 173, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 173, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 173, 196);  
box-shadow:4px 4px 4px 4px rgb(244, 173,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1058, 0.3565, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 173, 196) }
```

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

```
.background{ background-color: rgb(244,  
173, 196) }
```

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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