

Converting Colors

$Yxy(54.3505, 0.3658, 0.3073)$

Have a look what the booklet for
Yxy(54.3505, 0.3658, 0.3073)
contains.

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Color

Yxy(54.4328, 0.3662, 0.3081)

Conversions

Conversions Part 1

Format	Color
Hex	FCADC1
RGB	252, 173, 193
RGB Percent	99%, 68%, 76%
CMY	0.0120, 0.3214, 0.2432
CMYK	0.00, 0.31, 0.23, 0.01
HSL	345°, 93%, 83%
HSV	345°, 31%, 99%
XYZ	64.6975, 54.4328, 57.5422
YIQ	198.9010, 40.6640, 22.9680

Conversions

Conversions Part 2

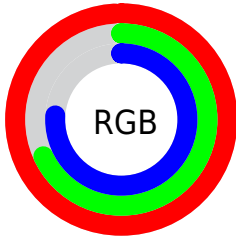
Format	Color
R _Y B	252, 173, 193
Decimal	16559553
CIE Lab	78.71, 31.58, 1.60
CIE LCh	79, 31.624, 2.901
Yxy	54.4328, 0.3662, 0.3081
Android (android.graphics.Color)	4294749633 (0xFFFCADC1)
YUV	198.9010, -2.9092, 46.5678
Hunter-Lab	73.7786, 27.4166, 5.4029

Details

The Yxy color **54.4328, 0.3662, 0.3081** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2985, 0.2775, 0.3513**, and the grayscale version is **57.0499, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.1382, 0.3177, 0.3096**, and **26.7957, 0.3799, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **44.8773, 0.3917, 0.3013**, and if you desaturate by 10%, it is **65.9221, 0.3452, 0.3151**.

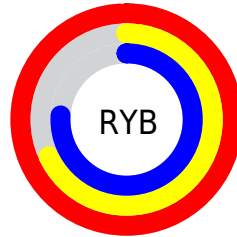
Distribution



Red (99%)

Green (68%)

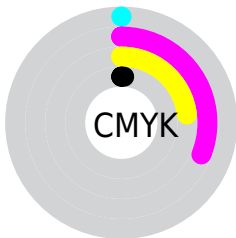
Blue (76%)



Red (99%)

Yellow (68%)

Blue (76%)

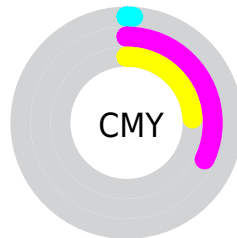


Cyan (0%)

Magenta (31%)

Yellow (23%)

Black (1%)



Cyan (1%)


Magenta (32%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4328, 0.3662, 0.3081 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 54.4328, 0.3662, 0.3081 by changing the saturation by 10% instead.


 54.4328, 0.3662,
0.3081

 54.4328, 0.3662,
0.3081

403.7583, 0.3401,
0.3184

 38.9478, 0.3725,
0.3056


 96.7094, 0.3569,
0.3118

 26.7191, 0.3805,
0.3024


124.2698, 0.3533,
0.3132

 17.3624, 0.3910,
0.2982


156.6241, 0.3503,
0.3144

 10.4932, 0.4052,
0.2924

194.1568, 0.3477,
0.3154

 5.7272, 0.4256,
0.2840

237.2521, 0.3454,
0.3163

 2.6799, 0.4573,
0.2708

286.2945, 0.3434,

 0.9670, 0.5125,

0.3171

0.2474

341.6684, 0.3417,
0.3178

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4328, 0.3662,
0.3081

■ 54.4328, 0.3662,
0.3081

■ 44.8773, 0.3917,
0.3013

■ 65.9221, 0.3452,
0.3151

■ 37.1414, 0.4222,
0.2953

■ 79.4360, 0.3282,
0.3218

■ 31.1105, 0.4574,
0.2909

■ 95.0687, 0.3143,
0.3282

■ 26.6538, 0.4961,
0.2893

■ 99.4247, 0.3108,
0.3290

■ 23.6214, 0.5353,
0.2914

■ 21.8335, 0.5711,
0.2979

■ 21.0516, 0.5965,
0.3060

Harmonies

Analogous

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



54.4328, 0.3257, 0.2806



54.4328, 0.3662, 0.3081



54.4328, 0.3921, 0.3415

Triad

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



54.4328, 0.3662, 0.3081



54.4328, 0.3376, 0.4041



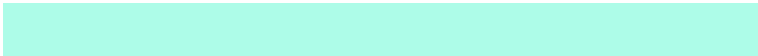
54.4328, 0.2365, 0.2772

Complementary

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



54.4328, 0.3662, 0.3081



84.2985, 0.2775, 0.3513

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.



54.4328, 0.2393, 0.3080



54.4328, 0.3662, 0.3081



54.4328, 0.2959, 0.3857

Square

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



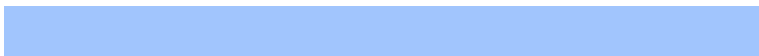
54.4328, 0.3662, 0.3081



54.4328, 0.3741, 0.3983



54.4328, 0.2603, 0.3487



54.4328, 0.2523, 0.2623

Rectangle

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



54.4328, 0.3662, 0.3081



54.4328, 0.3966, 0.3639



54.4328, 0.2603, 0.3487



54.4328, 0.2353, 0.2858

Sweetspot

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



54.4354, 0.3662, 0.3081



85.1658, 0.3247, 0.3233



53.8979, 0.2997, 0.2469



17.7519, 0.3268, 0.3224



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.



54.4354, 0.3662, 0.3081



49.1503, 0.3828, 0.3035



61.1602, 0.3785, 0.3487



17.2972, 0.3254, 0.3230



10.9916, 0.5924, 0.3037



1.0343, 0.5592, 0.2854

Inverse Universe

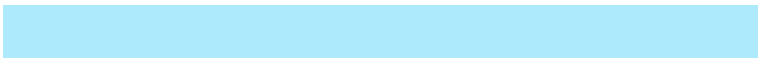
The Inverse Universe completely reimagines the original color for something new.



54.4354, 0.3662, 0.3081



49.1503, 0.3828, 0.3035



74.4918, 0.2652, 0.3083



17.2972, 0.3254, 0.3230



10.9916, 0.5924, 0.3037



1.0343, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 54.4328, 0.3662, 0.3081 looks on a white background.

Color Contrast Check

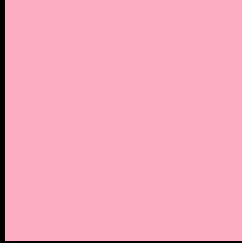
Large Text (above 18pt) WCAG AA × Fail

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 54.4328, 0.3662, 0.3081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

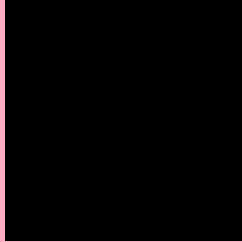
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.4328, 0.3662, 0.3081

Background



This preview shows how black text looks on a background with the Yxy color 54.4328, 0.3662, 0.3081.



This preview shows how white text looks on a background with the Yxy color 54.4328, 0.3662, 0.3081.

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

54.4328, 0.3662, 0.3081

Protanopia

54.7271, 0.3062, 0.3157

Deuteranopia

54.7118, 0.3345, 0.3279



Tritanopia

54.3692, 0.3706, 0.3154

Trichromacy



Original Color

54.4328, 0.3662, 0.3081



Protanomaly

53.9338, 0.3260, 0.3117



Deuteranomaly

54.2866, 0.3458, 0.3201



Tritanomaly

54.4555, 0.3688, 0.3133

Monochromacy



Original Color

54.4328, 0.3662, 0.3081



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.7636, 0.3304, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4328, 0.3662, 0.3081 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(252, 173, 193)` looks like.

```
.text, #text, p{  
    color:rgb(252, 173, 193)  
}
```

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(252, 173, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 173, 193) }
```

Border

The CSS property to change the border of an element to Yxy 54.4328, 0.3662, 0.3081 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(252, 173, 193) }
```

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

```
.border{ border-color:rgb(252, 173, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 173, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 173, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 173, 193);  
box-shadow:4px 4px 4px 4px rgb(252, 173,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4328, 0.3662, 0.3081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 173, 193) }
```

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

```
.background{ background-color: rgb(252,  
173, 193) }
```

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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