

Converting Colors

$Yxy(52.9282, 0.3667, 0.3078)$

Have a look what the booklet for
Yxy(52.9282, 0.3667, 0.3078)
contains.

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Color

Yxy(53.0271, 0.3659, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	F9ABBF
RGB	249, 171, 191
RGB Percent	98%, 67%, 75%
CMY	0.0235, 0.3294, 0.2509
CMYK	0.00, 0.31, 0.23, 0.02
HSL	345°, 87%, 82%
HSV	345°, 31%, 98%
XYZ	63.0364, 53.0271, 56.2142
YIQ	196.6020, 40.0680, 22.7560

Conversions

Conversions Part 2

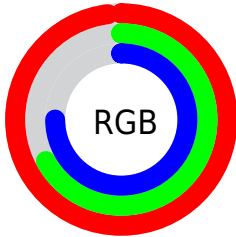
Format	Color
R _Y B	249, 171, 191
Decimal	16362431
CIE Lab	77.89, 31.33, 1.44
CIE LCh	78, 31.365, 2.625
Yxy	53.0271, 0.3659, 0.3078
Android (android.graphics.Color)	4294552511 (0xFF9ABBF)
YUV	196.6020, -2.7618, 45.9530
Hunter-Lab	72.8197, 27.0842, 5.2040

Details

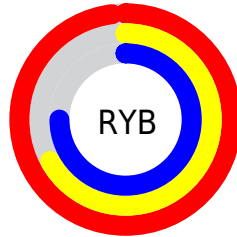
The Yxy color **53.0271, 0.3659, 0.3078** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.0684, 0.2777, 0.3516**, and the grayscale version is **55.5834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9136, 0.3191, 0.3095**, and **25.8682, 0.3796, 0.3017** is the 20% darker color. If you saturate the color by 10%, you get **43.7278, 0.3913, 0.3009**, and if you desaturate by 10%, it is **64.2061, 0.3450, 0.3149**.

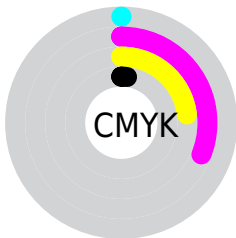
Distribution



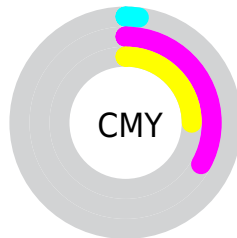
- Red (98%)
- Green (67%)
- Blue (75%)



- Red (98%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0271, 0.3659, 0.3078 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 53.0271, 0.3659, 0.3078 by changing the saturation by 10% instead.


 53.0271, 0.3659,
0.3078

 53.0271, 0.3659,
0.3078


398.3891, 0.3398,
0.3183

 37.8244, 0.3722,
0.3052


 94.6442, 0.3565,
0.3116

 25.8464, 0.3803,
0.3019


121.8275, 0.3530,
0.3130

 16.7088, 0.3908,
0.2976


153.7730, 0.3500,
0.3142

 10.0271, 0.4052,
0.2917

190.8653, 0.3474,
0.3153

 5.4169, 0.4260,
0.2830

233.4886, 0.3451,
0.3162

 2.4939, 0.4585,
0.2693

282.0274, 0.3432,

 0.8736, 0.5165,

0.3170

0.2449

336.8661, 0.3414,
0.3177

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0271, 0.3659,
0.3078

53.0271, 0.3659,
0.3078

43.7278, 0.3913,
0.3009

64.2061, 0.3450,
0.3149

36.1973, 0.4216,
0.2948

77.3531, 0.3281,
0.3217

30.3244, 0.4565,
0.2903

92.5594, 0.3143,
0.3282

25.9820, 0.4949,
0.2886

98.8805, 0.3090,
0.3290

■ 23.0245, 0.5340,
0.2907

■ 21.2777, 0.5697,
0.2971

■ 20.5096, 0.5952,
0.3053

Harmonies

Analogous

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



53.0271, 0.3253, 0.2803



53.0271, 0.3659, 0.3078



53.0271, 0.3920, 0.3412

Triad

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



53.0271, 0.3659, 0.3078



53.0271, 0.3380, 0.4042



53.0271, 0.2364, 0.2774

Complementary

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



53.0271, 0.3659, 0.3078



82.0684, 0.2777, 0.3516

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.



53.0271, 0.2393, 0.3083



53.0271, 0.3659, 0.3078



53.0271, 0.2963, 0.3860

Square

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



53.0271, 0.3659, 0.3078



53.0271, 0.3744, 0.3982



53.0271, 0.2606, 0.3491



53.0271, 0.2520, 0.2623

Rectangle

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



53.0271, 0.3659, 0.3078



53.0271, 0.3967, 0.3636



53.0271, 0.2606, 0.3491



53.0271, 0.2353, 0.2861

Sweetspot

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



53.0296, 0.3659, 0.3078



85.1709, 0.3246, 0.3233



52.4937, 0.2997, 0.2469



17.7531, 0.3268, 0.3223



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.



53.0296, 0.3659, 0.3078



49.1654, 0.3824, 0.3031



59.5632, 0.3785, 0.3486



17.2983, 0.3253, 0.3229



10.9974, 0.5912, 0.3031



1.0350, 0.5580, 0.2847

Inverse Universe

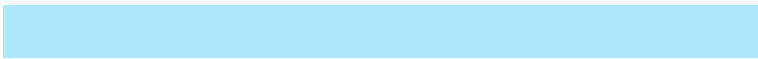
The Inverse Universe completely reimagines the original color for something new.



53.0296, 0.3659, 0.3078



49.1654, 0.3824, 0.3031



72.5399, 0.2653, 0.3083



17.2983, 0.3253, 0.3229



10.9974, 0.5912, 0.3031



1.0350, 0.5580, 0.2847

Previews

White Background



This preview shows how the Yxy color 53.0271, 0.3659, 0.3078 looks on a white background.

Color Contrast Check

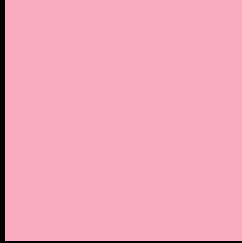
Large Text (above 18pt) WCAG AA × Fail

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 53.0271, 0.3659, 0.3078 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 53.0271, 0.3659, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 53.0271, 0.3659, 0.3078.



This preview shows how white text looks on a background with the Yxy color 53.0271, 0.3659, 0.3078.

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

53.0271, 0.3659, 0.3078

Protanopia

53.3485, 0.3054, 0.3156

Deuteranopia

53.3176, 0.3338, 0.3279



Tritanopia

52.9643, 0.3703, 0.3152

Trichromacy



Original Color

53.0271, 0.3659, 0.3078



Protanomaly

52.5506, 0.3253, 0.3115



Deuteranomaly

52.8906, 0.3453, 0.3200



Tritanomaly

53.0494, 0.3685, 0.3131

Monochromacy



Original Color

53.0271, 0.3659, 0.3078



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.5055, 0.3306, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0271, 0.3659, 0.3078 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(249, 171, 191)` looks like.

```
.text, #text, p{  
    color:rgb(249, 171, 191)  
}
```

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(249, 171, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 171, 191) }
```

Border

The CSS property to change the border of an element to Yxy 53.0271, 0.3659, 0.3078 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(249, 171, 191) }
```

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

```
.border{ border-color:rgb(249, 171, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 171, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 171, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 171, 191);  
box-shadow:4px 4px 4px 4px rgb(249, 171,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0271, 0.3659, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 171, 191) }
```

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

```
.background{ background-color: rgb(249,  
171, 191) }
```

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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