

Converting Colors

$Yxy(52.7597, 0.3691, 0.3093)$

Have a look what the booklet for
Yxy(52.7597, 0.3691, 0.3093)
contains.

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Color

Yxy(52.7476, 0.3689, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	FAAABD
RGB	250, 170, 189
RGB Percent	98%, 67%, 74%
CMY	0.0195, 0.3334, 0.2587
CMYK	0.00, 0.32, 0.24, 0.02
HSL	346°, 89%, 82%
HSV	346°, 32%, 98%
XYZ	62.9932, 52.7476, 55.0187
YIQ	196.0860, 41.5810, 22.8690

Conversions

Conversions Part 2

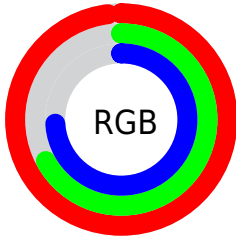
Format	Color
R _Y B	250, 170, 189
Decimal	16427709
CIE Lab	77.73, 31.94, 2.30
CIE LCh	78, 32.027, 4.113
Yxy	52.7476, 0.3689, 0.3089
Android (android.graphics.Color)	4294617789 (0xFFFAAABD)
YUV	196.0860, -3.4934, 47.2826
Hunter-Lab	72.6275, 27.7230, 5.9244

Details

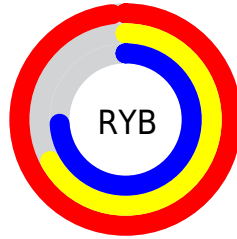
The Yxy color **52.7476, 0.3689, 0.3089** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.7014, 0.2762, 0.3504**, and the grayscale version is **55.2612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2453, 0.3205, 0.3104**, and **25.7066, 0.3838, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **43.4771, 0.3953, 0.3026**, and if you desaturate by 10%, it is **63.9142, 0.3472, 0.3155**.

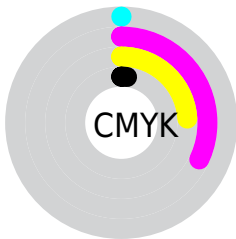
Distribution



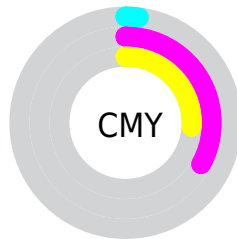
- Red (98%)
- Green (67%)
- Blue (74%)



- Red (98%)
- Yellow (67%)
- Blue (74%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (2%)




- Cyan (2%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7476, 0.3689, 0.3089 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 52.7476, 0.3689, 0.3089 by changing the saturation by 10% instead.

 52.7476, 0.3689,
0.3089

 52.7476, 0.3689,
0.3089


397.3160, 0.3413,
0.3189

 37.6013, 0.3756,
0.3064


 94.2329, 0.3590,
0.3125

 25.6734, 0.3842,
0.3032


121.3406, 0.3552,
0.3139

 16.5795, 0.3954,
0.2990


153.2043, 0.3521,
0.3151

 9.9351, 0.4107,
0.2932

190.2084, 0.3493,
0.3161

 5.3560, 0.4328,
0.2847

232.7372, 0.3469,
0.3169

 2.4576, 0.4675,
0.2710

281.1752, 0.3448,

 0.8553, 0.5306,

0.3177

0.2469

335.9066, 0.3430,
0.3183

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.7476, 0.3689,
0.3089

52.7476, 0.3689,
0.3089

43.4771, 0.3953,
0.3026

63.9142, 0.3472,
0.3155

35.9898, 0.4269,
0.2970

77.0669, 0.3295,
0.3218

30.1722, 0.4632,
0.2931

92.2987, 0.3152,
0.3278

25.8944, 0.5027,
0.2919

99.0688, 0.3096,
0.3290

■ 23.0074, 0.5425,
0.2945

■ 21.3319, 0.5780,
0.3012

■ 20.6493, 0.6010,
0.3084

Harmonies

Analogous

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



52.7476, 0.3278, 0.2805



52.7476, 0.3689, 0.3089



52.7476, 0.3946, 0.3431

Triad

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



52.7476, 0.3689, 0.3089



52.7476, 0.3364, 0.4056



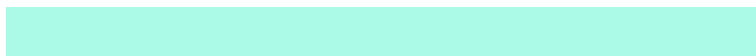
52.7476, 0.2352, 0.2750

Complementary

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



52.7476, 0.3689, 0.3089



82.7014, 0.2762, 0.3504

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.



52.7476, 0.2372, 0.3059



52.7476, 0.3689, 0.3089



52.7476, 0.2938, 0.3859

Square

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



52.7476, 0.3689, 0.3089



52.7476, 0.3742, 0.4005



52.7476, 0.2579, 0.3474



52.7476, 0.2519, 0.2606

Rectangle

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



52.7476, 0.3689, 0.3089



52.7476, 0.3985, 0.3659



52.7476, 0.2579, 0.3474



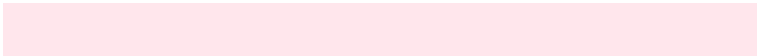
52.7476, 0.2337, 0.2836

Sweetspot

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



52.7501, 0.3689, 0.3089



83.6066, 0.3264, 0.3231



52.4757, 0.3004, 0.2453



17.4402, 0.3286, 0.3222



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.



52.7501, 0.3689, 0.3089



49.0900, 0.3842, 0.3050



60.0575, 0.3799, 0.3505



17.2929, 0.3256, 0.3234



10.9690, 0.5971, 0.3063



1.0317, 0.5643, 0.2882

Inverse Universe

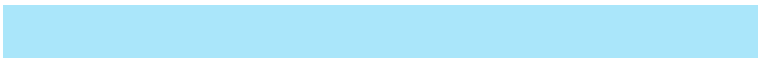
The Inverse Universe completely reimagines the original color for something new.



52.7501, 0.3689, 0.3089



49.0900, 0.3842, 0.3050



72.0520, 0.2641, 0.3062



17.2929, 0.3256, 0.3234



10.9690, 0.5971, 0.3063



1.0317, 0.5643, 0.2882

Previews

White Background



This preview shows how the Yxy color 52.7476, 0.3689, 0.3089 looks on a white background.

Color Contrast Check

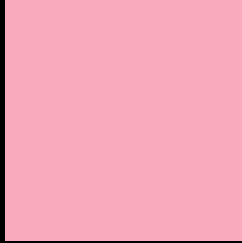
Large Text (above 18pt) WCAG AA × Fail

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 52.7476, 0.3689, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

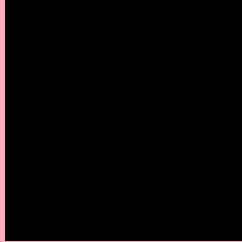
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7476, 0.3689, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 52.7476, 0.3689, 0.3089.



This preview shows how white text looks on a background with the Yxy color 52.7476, 0.3689, 0.3089.

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

52.7476, 0.3689, 0.3089

Protanopia

52.8161, 0.3069, 0.3168

Deuteranopia

52.8091, 0.3356, 0.3291



Tritanopia

52.7262, 0.3724, 0.3153

Trichromacy



Original Color

52.7476, 0.3689, 0.3089



Protanomaly

52.1943, 0.3279, 0.3126



Deuteranomaly

52.3991, 0.3472, 0.3211



Tritanomaly

52.8107, 0.3705, 0.3131

Monochromacy



Original Color

52.7476, 0.3689, 0.3089



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.9898, 0.3323, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7476, 0.3689, 0.3089 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(250, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(250, 170, 189)  
}
```

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(250, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 170, 189) }
```

Border

The CSS property to change the border of an element to Yxy 52.7476, 0.3689, 0.3089 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(250, 170, 189) }
```

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

```
.border{ border-color:rgb(250, 170, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 170, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 170, 189);  
box-shadow:4px 4px 4px 4px rgb(250, 170,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7476, 0.3689, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 170, 189) }
```

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

```
.background{ background-color: rgb(250,  
170, 189) }
```

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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