

# Converting Colors

$Yxy(52.1363, 0.3473, 0.2901)$

Have a look what the booklet for  
Yxy(52.1363, 0.3473, 0.2901)  
contains.

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# Color

**Yxy(52.2604, 0.3472, 0.2905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3AACE
RGB	243, 170, 206
RGB Percent	95%, 67%, 81%
CMY	0.0473, 0.3332, 0.1922
CMYK	0.00, 0.30, 0.15, 0.05
HSL	330°, 75%, 81%
HSV	330°, 30%, 95%
XYZ	62.4606, 52.2604, 65.1771
YIQ	195.9310, 31.9520, 26.6720

# Conversions

## Conversions Part 2

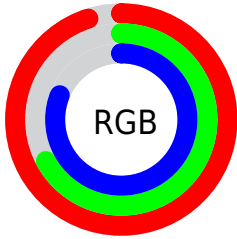
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 170, 206
Decimal	15968974
CIE Lab	77.44, 31.96, -7.46
CIE LCh	77, 32.819, 346.865
Yxy	52.2604, 0.3472, 0.2905
Android (android.graphics.Color)	4294159054 (0xFFFF3AACE)
YUV	195.9310, 4.9640, 41.2795
Hunter-Lab	72.2914, 27.7163, -2.8513

# Details

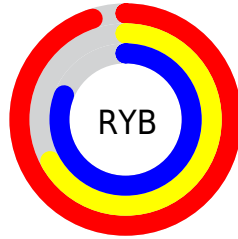
The Yxy color **52.2604, 0.3472, 0.2905** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.1209, 0.2882, 0.3712**, and the grayscale version is **55.1142, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **25.4287, 0.3562, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **43.4028, 0.3634, 0.2773**, and if you desaturate by 10%, it is **62.8527, 0.3335, 0.3038**.

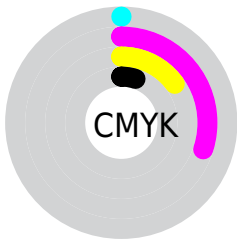
# Distribution



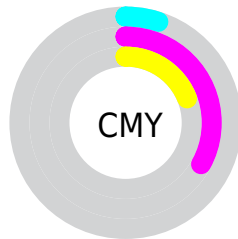
- Red (95%)
- Green (67%)
- Blue (81%)



- Red (95%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (33%)
- Yellow (19%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2604, 0.3472, 0.2905 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 52.2604, 0.3472, 0.2905 by changing the saturation by 10% instead.




 52.2604, 0.3472,  
0.2905

 52.2604, 0.3472,  
0.2905

395.4411, 0.3306,  
0.3088

 37.2127, 0.3512,  
0.2862


 93.5152, 0.3413,  
0.2970

 25.3722, 0.3562,  
0.2808


120.4910, 0.3390,  
0.2994

 16.3546, 0.3627,  
0.2739


152.2116, 0.3371,  
0.3016

 9.7754, 0.3714,  
0.2646

189.0615, 0.3354,  
0.3034

 5.2503, 0.3839,  
0.2517

231.4250, 0.3340,  
0.3050

 2.3949, 0.4029,  
0.2325

279.6865, 0.3327,

 0.8232, 0.4357,

0.3064

0.2006

334.2304, 0.3316,  
0.3077

0.0000, 0.7062,  
0.0000

0.0000, 0.0000,  
0.0000

52.2604, 0.3472,  
0.2905

52.2604, 0.3472,  
0.2905

43.4028, 0.3634,  
0.2773

62.8527, 0.3335,  
0.3038

36.1789, 0.3824,  
0.2650

75.2594, 0.3221,  
0.3167

30.4881, 0.4041,  
0.2545

89.5636, 0.3127,  
0.3290

26.2158, 0.4279,  
0.2472

97.7843, 0.3053,  
0.3290

■ 23.2309, 0.4532,  
0.2443

■ 21.3773, 0.4784,  
0.2468

■ 20.3952, 0.5026,  
0.2542

# Harmonies

## Analogous

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



52.2604, 0.3022, 0.2673



52.2604, 0.3472, 0.2905



52.2604, 0.3844, 0.3228

# Triad

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



52.2604, 0.3472, 0.2905



52.2604, 0.3607, 0.4077



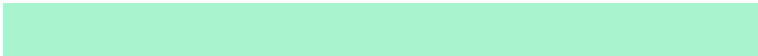
52.2604, 0.2319, 0.2898

# Complementary

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



52.2604, 0.3472, 0.2905



77.1209, 0.2882, 0.3712

# 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.



52.2604, 0.2452, 0.3291



52.2604, 0.3472, 0.2905



52.2604, 0.3182, 0.4024

# Square

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



52.2604, 0.3472, 0.2905



52.2604, 0.3915, 0.3898



52.2604, 0.2761, 0.3723



52.2604, 0.2382, 0.2651



# Rectangle

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



52.2604, 0.3472, 0.2905



52.2604, 0.3982, 0.3466



52.2604, 0.2761, 0.3723



52.2604, 0.2342, 0.3016

# Sweetspot

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



52.2628, 0.3472, 0.2905



85.4946, 0.3211, 0.3180



48.4225, 0.2869, 0.2474



17.8326, 0.3226, 0.3161



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.



52.2628, 0.3472, 0.2905



52.1024, 0.3568, 0.2824



50.7110, 0.3803, 0.3292



16.6188, 0.3216, 0.3174



11.2269, 0.4990, 0.2522



1.0075, 0.4707, 0.2366



# Inverse Universe

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



52.2628, 0.3472, 0.2905



52.1024, 0.3568, 0.2824



79.0837, 0.2694, 0.3289



16.6188, 0.3216, 0.3174



11.2269, 0.4990, 0.2522



1.0075, 0.4707, 0.2366



# Previews

## White Background



This preview shows how the Yxy color 52.2604, 0.3472, 0.2905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

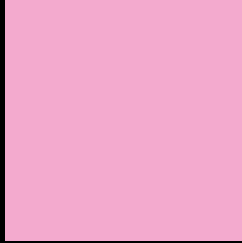
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.2604, 0.3472, 0.2905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

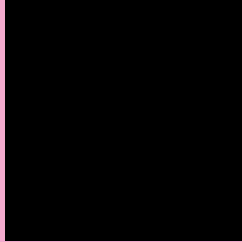
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.2604, 0.3472, 0.2905**

## Background



This preview shows how black text looks on a background with the Yxy color 52.2604, 0.3472, 0.2905.



This preview shows how white text looks on a background with the Yxy color 52.2604, 0.3472, 0.2905.

# 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

52.2604, 0.3472, 0.2905

### Protanopia

52.5062, 0.2894, 0.2939

### Deuteranopia

52.4087, 0.3153, 0.3088



## Tritanopia

52.1758, 0.3620, 0.3138

# Trichromacy



**Original Color**

52.2604, 0.3472, 0.2905

**Protanomaly**

51.9874, 0.3087, 0.2928

**Deuteranomaly**

52.0622, 0.3268, 0.3015

**Tritanomaly**

52.2773, 0.3567, 0.3052

# Monochromacy



**Original Color**

52.2604, 0.3472, 0.2905

**Achromatopsia**

55.2011, 0.3127, 0.3290

**Achromatomaly**

53.8569, 0.3242, 0.3139

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.2604, 0.3472, 0.2905 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(243, 170, 206)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 206)  
}
```

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(243, 170, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 206) }
```

## Border

The CSS property to change the border of an element to Yxy 52.2604, 0.3472, 0.2905 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(243, 170, 206) }
```

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

```
.border{ border-color:rgb(243, 170, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 170, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 206);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
206) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.2604, 0.3472, 0.2905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 170, 206) }
```

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

```
.background{ background-color: rgb(243,  
170, 206) }
```

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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