

Converting Colors

Yxy(52.0945, 0.3696, 0.3038)

Have a look what the booklet for
Yxy(52.0945, 0.3696, 0.3038)
contains.

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Color

Yxy(52.0945, 0.3696, 0.3038)

Conversions

Conversions Part 1

Format	Color
Hex	FCA7BF
RGB	252, 167, 191
RGB Percent	99%, 65%, 75%
CMY	0.0116, 0.3451, 0.2510
CMYK	0.00, 0.34, 0.24, 0.01
HSL	343°, 93%, 82%
HSV	343°, 34%, 99%
XYZ	63.3776, 52.0945, 56.0042
YIQ	195.1510, 42.9560, 25.4840

Conversions

Conversions Part 2

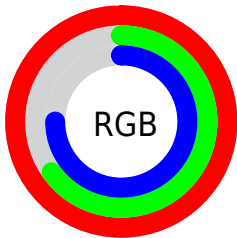
Format	Color
R _Y B	252, 167, 191
Decimal	16558015
CIE Lab	77.34, 34.50, 0.68
CIE LCh	77, 34.511, 1.132
Yxy	52.0945, 0.3696, 0.3038
Android (android.graphics.Color)	4294748095 (0xFFFC A7BF)
YUV	195.1510, -2.0464, 49.8566
Hunter-Lab	72.1765, 30.4306, 4.5185

Details

The Yxy color **52.0945, 0.3696, 0.3038** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4619, 0.2764, 0.3562**, and the grayscale version is **54.6627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7508, 0.3194, 0.3055**, and **25.3389, 0.3847, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **42.9979, 0.3951, 0.2963**, and if you desaturate by 10%, it is **63.0937, 0.3485, 0.3116**.

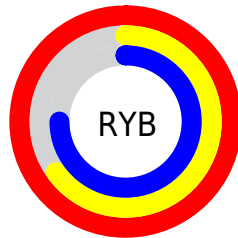
Distribution



Red (99%)

Green (65%)

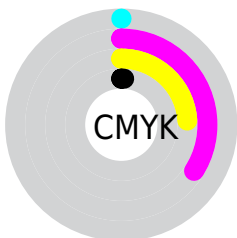
Blue (75%)



Red (99%)

Yellow (65%)

Blue (75%)

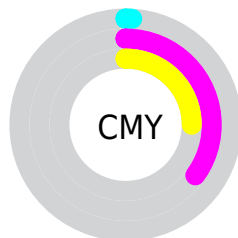


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (1%)



Cyan (1%)


Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0945, 0.3696, 0.3038 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 52.0945, 0.3696, 0.3038 by changing the saturation by 10% instead.


 52.0945, 0.3696,
0.3038


 52.0945, 0.3696,
0.3038


394.8013, 0.3417,
0.3162

 37.0804, 0.3764,
0.3008


 93.2706, 0.3596,
0.3083

 25.2698, 0.3850,
0.2969


 120.2014, 0.3558,
0.3100

 16.2781, 0.3964,
0.2918

151.8732, 0.3525,
0.3114

 9.7212, 0.4118,
0.2848

188.6704, 0.3498,
0.3126

 5.2145, 0.4342,
0.2747

230.9774, 0.3473,
0.3137

 2.3737, 0.4692,
0.2588

279.1787, 0.3452,

 0.8123, 0.5320,

0.3147

0.2305

333.6585, 0.3434,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0945, 0.3696,
0.3038

52.0945, 0.3696,
0.3038

42.9979, 0.3951,
0.2963

63.0937, 0.3485,
0.3116

35.6881, 0.4254,
0.2899

76.0880, 0.3313,
0.3192

30.0477, 0.4599,
0.2854

91.1726, 0.3173,
0.3264

25.9426, 0.4974,
0.2841

99.4426, 0.3109,
0.3290

■ 23.2172, 0.5350,
0.2870

■ 21.6826, 0.5689,
0.2945

■ 21.1596, 0.5870,
0.3008

Harmonies

Analogous

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



52.0945, 0.3241, 0.2744



52.0945, 0.3696, 0.3038



52.0945, 0.3997, 0.3400

Triad

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



52.0945, 0.3696, 0.3038



52.0945, 0.3425, 0.4129



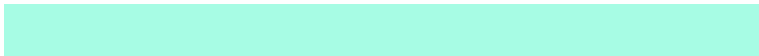
52.0945, 0.2286, 0.2731

Complementary

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



52.0945, 0.3696, 0.3038



83.4619, 0.2764, 0.3562

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.



52.0945, 0.2327, 0.3078



52.0945, 0.3696, 0.3038



52.0945, 0.2965, 0.3943

Square

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



52.0945, 0.3696, 0.3038



52.0945, 0.3823, 0.4043



52.0945, 0.2567, 0.3535



52.0945, 0.2446, 0.2561

Rectangle

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



52.0945, 0.3696, 0.3038



52.0945, 0.4057, 0.3647



52.0945, 0.2567, 0.3535



52.0945, 0.2277, 0.2828

Sweetspot

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



52.0970, 0.3696, 0.3038



83.6726, 0.3257, 0.3220



51.1478, 0.2973, 0.2399



17.4561, 0.3277, 0.3209



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.



52.0970, 0.3696, 0.3038



47.4115, 0.3851, 0.2990



58.3640, 0.3858, 0.3488



17.3058, 0.3249, 0.3223



11.0401, 0.5828, 0.2984



1.0398, 0.5492, 0.2799

Inverse Universe

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



52.0970, 0.3696, 0.3038



47.4115, 0.3851, 0.2990



73.8690, 0.2620, 0.3081



17.3058, 0.3249, 0.3223



11.0401, 0.5828, 0.2984



1.0398, 0.5492, 0.2799

Previews

White Background



This preview shows how the Yxy color 52.0945, 0.3696, 0.3038 looks on a white background.

Color Contrast Check

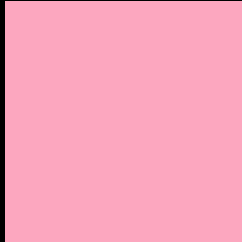
Large Text (above 18pt) WCAG AA × Fail

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 52.0945, 0.3696, 0.3038 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 52.0945, 0.3696, 0.3038

Background



This preview shows how black text looks on a background with the Yxy color 52.0945, 0.3696, 0.3038.



This preview shows how white text looks on a background with the Yxy color 52.0945, 0.3696, 0.3038.

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

52.0945, 0.3696, 0.3038

Protanopia

52.3111, 0.3024, 0.3106

Deuteranopia

52.1776, 0.3324, 0.3255



Tritanopia

52.2214, 0.3775, 0.3164

Trichromacy



Original Color

52.0945, 0.3696, 0.3038



Protanomaly

51.7722, 0.3247, 0.3079



Deuteranomaly

51.6837, 0.3458, 0.3165



Tritanomaly

52.0173, 0.3741, 0.3111

Monochromacy



Original Color

52.0945, 0.3696, 0.3038



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.1919, 0.3318, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0945, 0.3696, 0.3038 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, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(252, 167, 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(252, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 167, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.0945, 0.3696, 0.3038 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, 167, 191) }
```

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

```
.border{ border-color:rgb(252, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(252, 167,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0945, 0.3696, 0.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 167, 191) }
```

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

```
.background{ background-color: rgb(252,  
167, 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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