

Converting Colors

$Y_{xy}(51.7596, 0.3553, 0.2993)$

Have a look what the booklet for
Yxy(51.7596, 0.3553, 0.2993)
contains.

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Color

Yxy(51.8354, 0.3553, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	F3AAC5
RGB	243, 170, 197
RGB Percent	95%, 67%, 77%
CMY	0.0471, 0.3333, 0.2274
CMYK	0.00, 0.30, 0.19, 0.05
HSL	338°, 75%, 81%
HSV	338°, 30%, 95%
XYZ	61.4109, 51.8354, 59.5960
YIQ	194.9050, 34.8410, 23.8730

Conversions

Conversions Part 2

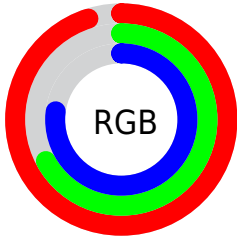
Format	Color
R _Y B	243, 170, 197
Decimal	15968965
CIE Lab	77.18, 30.61, -2.94
CIE LCh	77, 30.747, 354.512
Yxy	51.8354, 0.3553, 0.2999
Android (android.graphics.Color)	4294159045 (0xFFF3AAC5)
YUV	194.9050, 1.0328, 42.1793
Hunter-Lab	71.9968, 26.2601, 1.3199

Details

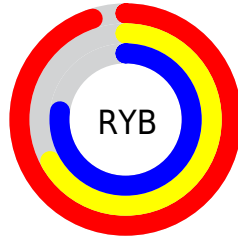
The Yxy color **51.8354, 0.3553, 0.2999** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.5954, 0.2834, 0.3603**, and the grayscale version is **54.4934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8085, 0.3147, 0.3019**, and **25.1449, 0.3676, 0.2928** is the 20% darker color. If you saturate the color by 10%, you get **42.8867, 0.3759, 0.2899**, and if you desaturate by 10%, it is **62.5437, 0.3382, 0.3100**.

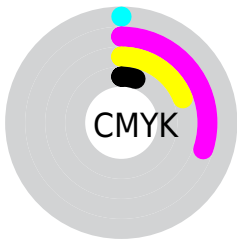
Distribution



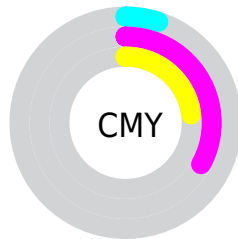
- Red (95%)
- Green (67%)
- Blue (77%)



- Red (95%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (30%)
- Yellow (19%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8354, 0.3553, 0.2999 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 51.8354, 0.3553, 0.2999 by changing the saturation by 10% instead.


 51.8354, 0.3553,
0.2999

 51.8354, 0.3553,
0.2999


393.8008, 0.3345,
0.3140

 36.8739, 0.3603,
0.2965


 92.8884, 0.3479,
0.3049

 25.1099, 0.3667,
0.2923


119.7488, 0.3450,
0.3068

 16.1589, 0.3751,
0.2867


151.3442, 0.3426,
0.3085

 9.6367, 0.3865,
0.2792

188.0590, 0.3405,
0.3099

 5.1587, 0.4030,
0.2686

230.2777, 0.3387,
0.3111

 2.3407, 0.4288,
0.2521

278.3846, 0.3372,

 0.7951, 0.4748,

0.3122

0.2233

332.7642, 0.3358,
0.3131

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8354, 0.3553,
0.2999

51.8354, 0.3553,
0.2999

42.8867, 0.3759,
0.2899

62.5437, 0.3382,
0.3100

35.5955, 0.4003,
0.2807

75.0922, 0.3242,
0.3198

29.8600, 0.4285,
0.2732

89.5652, 0.3127,
0.3290

25.5642, 0.4598,
0.2687

97.7915, 0.3053,
0.3290

■ 22.5758, 0.4928,
0.2684

■ 20.7372, 0.5250,
0.2733

■ 19.7878, 0.5542,
0.2827

Harmonies

Analogous

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



51.8354, 0.3136, 0.2752



51.8354, 0.3553, 0.2999



51.8354, 0.3861, 0.3319

Triad

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



51.8354, 0.3553, 0.2999



51.8354, 0.3484, 0.4039



51.8354, 0.2362, 0.2849

Complementary

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



51.8354, 0.3553, 0.2999



77.5954, 0.2834, 0.3603

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.



51.8354, 0.2442, 0.3190



51.8354, 0.3553, 0.2999



51.8354, 0.3075, 0.3924

Square

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



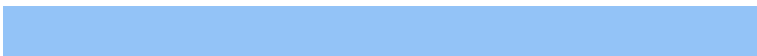
51.8354, 0.3553, 0.2999



51.8354, 0.3811, 0.3923



51.8354, 0.2696, 0.3598



51.8354, 0.2468, 0.2655

Rectangle

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



51.8354, 0.3553, 0.2999



51.8354, 0.3951, 0.3544



51.8354, 0.2696, 0.3598



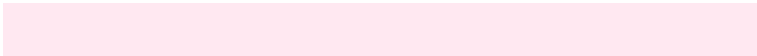
51.8354, 0.2368, 0.2948

Sweetspot

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



51.8378, 0.3553, 0.2999



85.3248, 0.3230, 0.3207



49.6734, 0.2936, 0.2489



17.7909, 0.3248, 0.3193



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.



51.8378, 0.3553, 0.2999



51.5641, 0.3673, 0.2938



54.0052, 0.3776, 0.3385



16.5839, 0.3235, 0.3203



10.8859, 0.5500, 0.2804



0.9759, 0.5158, 0.2615

Inverse Universe

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



51.8378, 0.3553, 0.2999



51.5641, 0.3673, 0.2938



74.1308, 0.2683, 0.3192



16.5839, 0.3235, 0.3203



10.8859, 0.5500, 0.2804



0.9759, 0.5158, 0.2615

Previews

White Background



This preview shows how the Yxy color 51.8354, 0.3553, 0.2999 looks on a white background.

Color Contrast Check

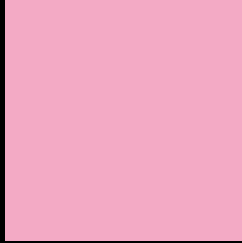
Large Text (above 18pt) WCAG AA × Fail

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 51.8354, 0.3553, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

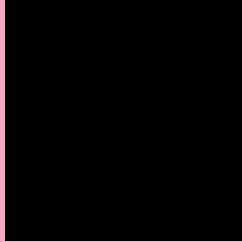
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8354, 0.3553, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 51.8354, 0.3553, 0.2999.



This preview shows how white text looks on a background with the Yxy color 51.8354, 0.3553, 0.2999.

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

51.8354, 0.3553, 0.2999

Protanopia

52.2492, 0.2979, 0.3058

Deuteranopia

52.0029, 0.3250, 0.3183



Tritanopia

51.8851, 0.3649, 0.3149

Trichromacy



Original Color

51.8354, 0.3553, 0.2999



Protanomaly

51.8301, 0.3173, 0.3031



Deuteranomaly

51.9548, 0.3360, 0.3118



Tritanomaly

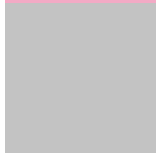
51.6772, 0.3615, 0.3095

Monochromacy



Original Color

51.8354, 0.3553, 0.2999



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.1004, 0.3267, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8354, 0.3553, 0.2999 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(243, 170, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 170, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.8354, 0.3553, 0.2999 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, 197) }
```

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

```
.border{ border-color:rgb(243, 170, 197) }
```

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, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(243, 170,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8354, 0.3553, 0.2999 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, 197) }
```

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

```
.background{ background-color: rgb(243,  
170, 197) }
```

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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