

Converting Colors

$Y_{xy}(60.1444, 0.3530, 0.3104)$

Have a look what the booklet for
Yxy(60.1444, 0.3530, 0.3104)
contains.

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Color

Yxy(59.9867, 0.3530, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FBBACC
RGB	251, 186, 204
RGB Percent	98%, 73%, 80%
CMY	0.0156, 0.2706, 0.2001
CMYK	0.00, 0.26, 0.19, 0.02
HSL	343°, 89%, 86%
HSV	343°, 26%, 98%
XYZ	68.2414, 59.9867, 65.0903
YIQ	207.4870, 32.9620, 19.3780

Conversions

Conversions Part 2

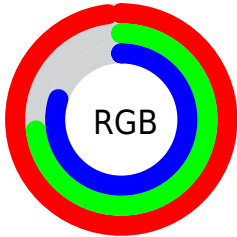
Format	Color
R _Y B	251, 186, 204
Decimal	16497356
CIE Lab	81.83, 26.03, 0.19
CIE LCh	82, 26.036, 0.427
Yxy	59.9867, 0.3530, 0.3103
Android (android.graphics.Color)	4294687436 (0xFFFBACC)
YUV	207.4870, -1.7191, 38.1609
Hunter-Lab	77.4511, 21.7352, 4.3881

Details

The Yxy color **59.9867, 0.3530, 0.3103** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3261, 0.2839, 0.3487**, and the grayscale version is **62.7239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **30.1739, 0.3638, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **49.5045, 0.3752, 0.3027**, and if you desaturate by 10%, it is **72.4337, 0.3348, 0.3178**.

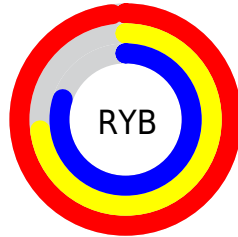
Distribution



Red (98%)

Green (73%)

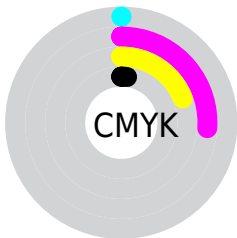
Blue (80%)



Red (98%)

Yellow (73%)

Blue (80%)

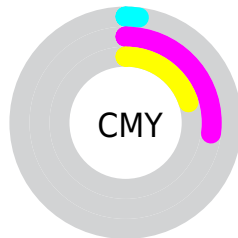


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (2%)



Cyan (2%)


Magenta (27%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9867, 0.3530, 0.3103 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 59.9867, 0.3530, 0.3103 by changing the saturation by 10% instead.


 59.9867, 0.3530,
0.3103

 59.9867, 0.3530,
0.3103


424.5487, 0.3337,
0.3193

 43.4079, 0.3576,
0.3082


 104.8104, 0.3462,
0.3135

 30.2053, 0.3633,
0.3055


133.8241, 0.3435,
0.3147

 19.9945, 0.3708,
0.3020


167.7515, 0.3413,
0.3157

 12.3910, 0.3808,
0.2974

206.9771, 0.3394,
0.3166

 7.0106, 0.3949,
0.2908

251.8852, 0.3377,
0.3174

 3.4687, 0.4162,
0.2808


302.8602, 0.3362,

 1.3811, 0.4522,

0.3181

0.2639


360.2866, 0.3349,
0.3187

 0.2027, 0.6690,
0.1637


 0.0000, 0.0000,
0.0000


 59.9867, 0.3530,
0.3103


 59.9867, 0.3530,
0.3103


 49.5045, 0.3752,
0.3027

 72.4337, 0.3348,
0.3178

 40.8780, 0.4020,
0.2956

 86.9305, 0.3201,
0.3250

 34.0005, 0.4335,
0.2896

 99.2511, 0.3103,
0.3290

 28.7505, 0.4692,
0.2858

■ 24.9913, 0.5073,
0.2854

■ 22.5629, 0.5446,
0.2894

■ 21.2681, 0.5773,
0.2978

■ 20.9455, 0.5890,
0.3018

Harmonies

Analogous

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



59.9867, 0.3205, 0.2883



59.9867, 0.3530, 0.3103



59.9867, 0.3747, 0.3374

Triad

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



59.9867, 0.3530, 0.3103



59.9867, 0.3358, 0.3886



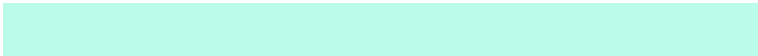
59.9867, 0.2507, 0.2894

Complementary

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



59.9867, 0.3530, 0.3103



85.3261, 0.2839, 0.3487

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.



59.9867, 0.2543, 0.3153



59.9867, 0.3530, 0.3103



59.9867, 0.3024, 0.3754

Square

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



59.9867, 0.3530, 0.3103



59.9867, 0.3640, 0.3835



59.9867, 0.2728, 0.3475



59.9867, 0.2624, 0.2757

Rectangle

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



59.9867, 0.3530, 0.3103



59.9867, 0.3795, 0.3557



59.9867, 0.2728, 0.3475



59.9867, 0.2502, 0.2969

Sweetspot

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



59.9895, 0.3530, 0.3103



86.7533, 0.3229, 0.3235



59.3408, 0.3016, 0.2615



18.0696, 0.3251, 0.3225



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.



59.9895, 0.3530, 0.3103



56.3590, 0.3638, 0.3064



65.4066, 0.3646, 0.3440



17.3040, 0.3250, 0.3225



11.0298, 0.5848, 0.2995



1.0387, 0.5512, 0.2810

Inverse Universe

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



59.9895, 0.3530, 0.3103



56.3590, 0.3638, 0.3064



77.9308, 0.2732, 0.3135



17.3040, 0.3250, 0.3225



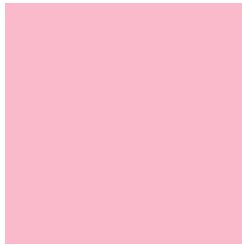
11.0298, 0.5848, 0.2995



1.0387, 0.5512, 0.2810

Previews

White Background



This preview shows how the Yxy color 59.9867, 0.3530, 0.3103 looks on a white background.

Color Contrast Check

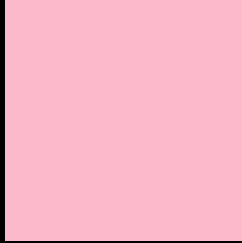
Large Text (above 18pt) WCAG AA × Fail

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 59.9867, 0.3530, 0.3103 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 59.9867, 0.3530, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 59.9867, 0.3530, 0.3103.



This preview shows how white text looks on a background with the Yxy color 59.9867, 0.3530, 0.3103.

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

59.9867, 0.3530, 0.3103

Protanopia

60.5460, 0.3065, 0.3163

Deuteranopia

60.0441, 0.3306, 0.3234



Tritanopia

60.2669, 0.3553, 0.3144

Trichromacy



Original Color

59.9867, 0.3530, 0.3103

Protanomaly

60.1152, 0.3229, 0.3145

Deuteranomaly

59.9442, 0.3385, 0.3181

Tritanomaly

60.3141, 0.3544, 0.3134

Monochromacy



Original Color

59.9867, 0.3530, 0.3103

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

60.9911, 0.3265, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9867, 0.3530, 0.3103 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(251, 186, 204)` looks like.

```
.text, #text, p{  
    color:rgb(251, 186, 204)  
}
```

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(251, 186, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 186, 204) }
```

Border

The CSS property to change the border of an element to Yxy 59.9867, 0.3530, 0.3103 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(251, 186, 204) }
```

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

```
.border{ border-color:rgb(251, 186, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 186, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 186, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 186, 204);  
box-shadow:4px 4px 4px 4px rgb(251, 186,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9867, 0.3530, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 186, 204) }
```

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

```
.background{ background-color: rgb(251,  
186, 204) }
```

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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