

Converting Colors

$Yxy(60.8893, 0.3549, 0.3176)$

Have a look what the booklet for
Yxy(60.8893, 0.3549, 0.3176)
contains.

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Color

Yxy(60.8893, 0.3549, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	FABDC8
RGB	250, 189, 200
RGB Percent	98%, 74%, 78%
CMY	0.0197, 0.2588, 0.2158
CMYK	0.00, 0.24, 0.20, 0.02
HSL	349°, 86%, 86%
HSV	349°, 24%, 98%
XYZ	68.0403, 60.8893, 62.7873
YIQ	208.4930, 32.8250, 16.3530

Conversions

Conversions Part 2

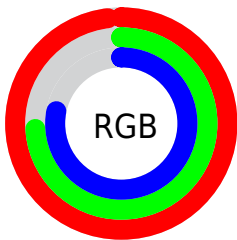
Format	Color
R _Y B	250, 189, 200
Decimal	16432584
CIE Lab	82.32, 23.49, 3.05
CIE LCh	82, 23.687, 7.390
Yxy	60.8893, 0.3549, 0.3176
Android (android.graphics.Color)	4294622664 (0xFF FABDC8)
YUV	208.4930, -4.1870, 36.4016
Hunter-Lab	78.0316, 19.0894, 6.9150

Details

The Yxy color **60.8893, 0.3549, 0.3176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.4188, 0.2823, 0.3408**, and the grayscale version is **63.4251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **30.7407, 0.3664, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **50.1518, 0.3796, 0.3127**, and if you desaturate by 10%, it is **73.6146, 0.3349, 0.3225**.

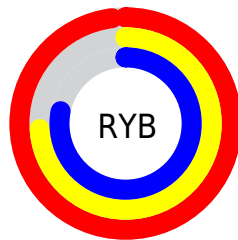
Distribution



Red (98%)

Green (74%)

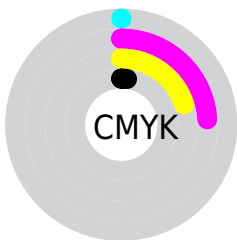
Blue (78%)



Red (98%)

Yellow (74%)

Blue (78%)

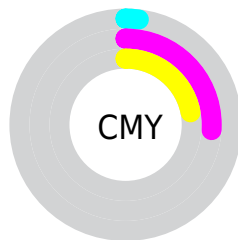


Cyan (0%)

Magenta (24%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (26%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8893, 0.3549, 0.3176 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 60.8893, 0.3549, 0.3176 by changing the saturation by 10% instead.

 60.8893, 0.3549,
0.3176

 60.8893, 0.3549,
0.3176

427.8680, 0.3347,
0.3232

 44.1358, 0.3597,
0.3162


 106.1186, 0.3477,
0.3196

 30.7773, 0.3658,
0.3145


135.3633, 0.3450,
0.3204

 20.4293, 0.3736,
0.3122


169.5405, 0.3426,
0.3210

 12.7075, 0.3841,
0.3091

209.0346, 0.3406,
0.3216

 7.2275, 0.3989,
0.3046

254.2300, 0.3388,
0.3221

 3.6048, 0.4214,
0.2975


305.5111, 0.3373,

 1.4550, 0.4593,

0.3225

0.2850


363.2623, 0.3359,
0.3229

 0.2567, 0.7166,
0.2251


 0.0000, 0.0000,
0.0000


 60.8893, 0.3549,
0.3176


 60.8893, 0.3549,
0.3176


 50.1518, 0.3796,
0.3127


 73.6146, 0.3349,
0.3225

 41.2935, 0.4096,
0.3080

 88.4124, 0.3188,
0.3271

 34.2083, 0.4452,
0.3042

 99.0617, 0.3096,
0.3290

 28.7761, 0.4856,
0.3021

■ 24.8618, 0.5283,
0.3024

■ 22.3088, 0.5689,
0.3060

■ 20.9259, 0.6021,
0.3126

■ 20.5103, 0.6163,
0.3169

Harmonies

Analogous

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



60.8893, 0.3271, 0.2959



60.8893, 0.3549, 0.3176



60.8893, 0.3712, 0.3428

Triad

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



60.8893, 0.3549, 0.3176



60.8893, 0.3268, 0.3814



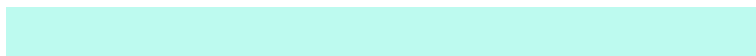
60.8893, 0.2576, 0.2892

Complementary

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



60.8893, 0.3549, 0.3176



85.4188, 0.2823, 0.3408

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.



60.8893, 0.2576, 0.3106



60.8893, 0.3549, 0.3176



60.8893, 0.2966, 0.3658

Square

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



60.8893, 0.3549, 0.3176



60.8893, 0.3542, 0.3808



60.8893, 0.2716, 0.3390



60.8893, 0.2714, 0.2795

Rectangle

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



60.8893, 0.3549, 0.3176



60.8893, 0.3728, 0.3588



60.8893, 0.2716, 0.3390



60.8893, 0.2560, 0.2952

Sweetspot

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



60.8921, 0.3549, 0.3176



88.2277, 0.3227, 0.3259



61.6209, 0.3070, 0.2665



18.6782, 0.3236, 0.3256



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.



60.8921, 0.3549, 0.3176



58.2379, 0.3657, 0.3153



69.2662, 0.3593, 0.3493



17.2761, 0.3266, 0.3248



10.8953, 0.6130, 0.3150



1.0226, 0.5826, 0.2983

Inverse Universe

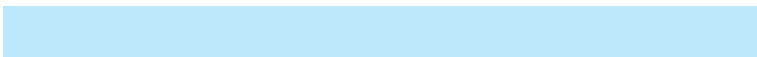
The Inverse Universe completely reimagines the original color for something new.



60.8921, 0.3549, 0.3176



58.2379, 0.3657, 0.3153



74.6950, 0.2749, 0.3077



17.2761, 0.3266, 0.3248



10.8953, 0.6130, 0.3150



1.0226, 0.5826, 0.2983

Previews

White Background



This preview shows how the Yxy color 60.8893, 0.3549, 0.3176 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 60.8893, 0.3549, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

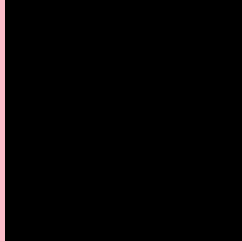
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8893, 0.3549, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 60.8893, 0.3549, 0.3176.



This preview shows how white text looks on a background with the Yxy color 60.8893, 0.3549, 0.3176.

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

60.8893, 0.3549, 0.3176

Protanopia

61.1991, 0.3122, 0.3232

Deuteranopia

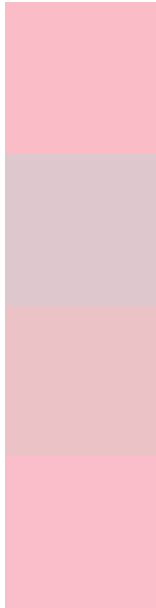
60.7963, 0.3359, 0.3291



Tritanopia

61.0310, 0.3524, 0.3144

Trichromacy



Original Color

60.8893, 0.3549, 0.3176

Protanomaly

60.9911, 0.3265, 0.3212

Deuteranomaly

60.8159, 0.3422, 0.3247

Tritanomaly

60.9835, 0.3532, 0.3155

Monochromacy



Original Color

60.8893, 0.3549, 0.3176

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.8690, 0.3270, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8893, 0.3549, 0.3176 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, 189, 200)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 200)  
}
```

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, 189, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.8893, 0.3549, 0.3176 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, 189, 200) }
```

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

```
.border{ border-color:rgb(250, 189, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 189, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 189, 200);  
box-shadow:4px 4px 4px 4px rgb(250, 189,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8893, 0.3549, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 200) }
```

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

```
.background{ background-color: rgb(250,  
189, 200) }
```

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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