

Converting Colors

$Yxy(73.5834, 0.3239, 0.3183)$

Have a look what the booklet for
Yxy(73.5834, 0.3239, 0.3183)
contains.

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Color

Yxy(73.3586, 0.3234, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	F1D8E3
RGB	241, 216, 227
RGB Percent	95%, 85%, 89%
CMY	0.0549, 0.1529, 0.1097
CMYK	0.00, 0.10, 0.06, 0.05
HSL	334°, 47%, 90%
HSV	334°, 10%, 95%
XYZ	74.6983, 73.3586, 82.9211
YIQ	224.7290, 11.3690, 8.7210

Conversions

Conversions Part 2

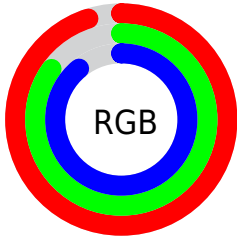
Format	Color
RYB	241, 216, 227
Decimal	15849699
CIELab	88.62, 10.48, -2.26
CIElCh	89, 10.718, 347.803
Yxy	73.3586, 0.3234, 0.3176
Android (android.graphics.Color)	4294039779 (0xFFFF1D8E3)
YUV	224.7290, 1.1196, 14.2697
Hunter-Lab	85.6496, 5.7897, 2.5536

Details

The Yxy color **73.3586, 0.3234, 0.3176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2167, 0.3032, 0.3407**, and the grayscale version is **75.0787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7826, 0.3258, 0.3143** is the 20% darker color. If you saturate the color by 10%, you get **61.1908, 0.3360, 0.3060**, and if you desaturate by 10%, it is **87.4018, 0.3131, 0.3286**.

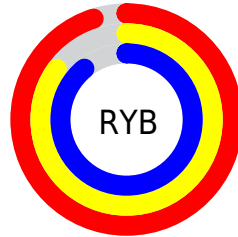
Distribution



Red (95%)

Green (85%)

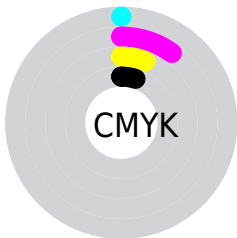
Blue (89%)



Red (95%)

Yellow (85%)

Blue (89%)

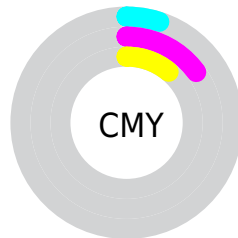


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (15%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3586, 0.3234, 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 73.3586, 0.3234, 0.3176 by changing the saturation by 10% instead.


 73.3586, 0.3234,
0.3176

 73.3586, 0.3234,
0.3176


472.2567, 0.3185,
0.3228

 54.2692, 0.3245,
0.3164


123.9862, 0.3217,
0.3194

 38.8170, 0.3259,
0.3150


156.2931, 0.3210,
0.3201

 26.6174, 0.3276,
0.3131


193.7748, 0.3205,
0.3207

 17.2861, 0.3299,
0.3107

236.8155, 0.3200,
0.3213

 10.4387, 0.3330,
0.3075

285.7996, 0.3195,
0.3217

 5.6908, 0.3375,
0.3028

341.1116, 0.3191,

 2.6580, 0.3444,

0.3221

0.2956

403.1359, 0.3188,
0.3225

0.9559, 0.3568,
0.2830

0.0000, 1.0000,
0.0000

73.3586, 0.3234,
0.3176

73.3586, 0.3234,
0.3176

61.1908, 0.3360,
0.3060

87.4018, 0.3131,
0.3286

50.8089, 0.3511,
0.2940

97.3724, 0.3047,
0.3300

42.1306, 0.3693,
0.2822

97.4394, 0.3041,
0.3290

35.0631, 0.3906,
0.2712

■ 29.5047, 0.4150,
0.2620

■ 25.3422, 0.4421,
0.2560

■ 22.4458, 0.4706,
0.2544

■ 20.6612, 0.4989,
0.2581

■ 19.7483, 0.5246,
0.2663

Harmonies

Analogous

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



73.3586, 0.3105, 0.3100



73.3586, 0.3234, 0.3176



73.3586, 0.3336, 0.3282

Triad

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



73.3586, 0.3234, 0.3176



73.3586, 0.3269, 0.3516



73.3586, 0.2880, 0.3180

Complementary

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



73.3586, 0.3234, 0.3176



83.2167, 0.3032, 0.3407

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.



73.3586, 0.2922, 0.3293



73.3586, 0.3234, 0.3176



73.3586, 0.3146, 0.3491

Square

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



73.3586, 0.3234, 0.3176



73.3586, 0.3356, 0.3479



73.3586, 0.3019, 0.3408



73.3586, 0.2902, 0.3100

Rectangle

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



73.3586, 0.3234, 0.3176



73.3586, 0.3374, 0.3357



73.3586, 0.3019, 0.3408



73.3586, 0.2887, 0.3215

Sweetspot

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



73.3618, 0.3234, 0.3176



94.9437, 0.3156, 0.3258



72.2461, 0.3060, 0.3029



20.0398, 0.3164, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

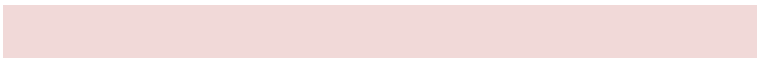
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.3618, 0.3234, 0.3176



80.9543, 0.3253, 0.3157



73.4145, 0.3310, 0.3304



15.8748, 0.3224, 0.3186



10.7360, 0.5205, 0.2641



0.9128, 0.4878, 0.2461

Inverse Universe

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



73.3618, 0.3234, 0.3176



80.9543, 0.3253, 0.3157



83.1191, 0.2967, 0.3276



15.8748, 0.3224, 0.3186



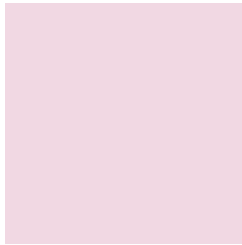
10.7360, 0.5205, 0.2641



0.9128, 0.4878, 0.2461

Previews

White Background



This preview shows how the Yxy color 73.3586, 0.3234, 0.3176 looks on a white background.

Color Contrast Check

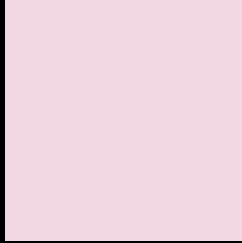
Large Text (above 18pt) WCAG AA × Fail

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 73.3586, 0.3234, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

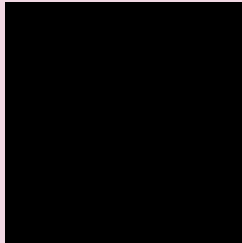
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3586, 0.3234, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 73.3586, 0.3234, 0.3176.

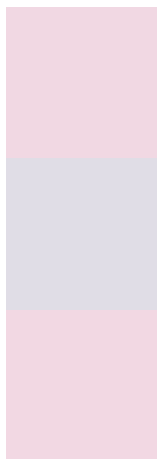


This preview shows how white text looks on a background with the Yxy color 73.3586, 0.3234, 0.3176.

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

73.3586, 0.3234, 0.3176

Protanopia

73.2734, 0.3089, 0.3194

Deuteranopia

73.5350, 0.3242, 0.3177



Tritanopia

73.3043, 0.3208, 0.3115

Trichromacy



Original Color

73.3586, 0.3234, 0.3176

Protanomaly

73.1432, 0.3139, 0.3184

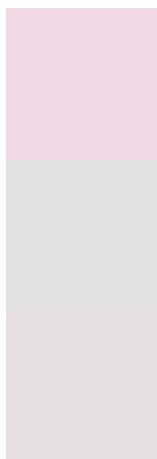
Deuteranomaly

73.5350, 0.3242, 0.3177

Tritanomaly

73.1913, 0.3222, 0.3136

Monochromacy



Original Color

73.3586, 0.3234, 0.3176

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7225, 0.3165, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3586, 0.3234, 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(241, 216, 227)` looks like.

```
.text, #text, p{  
    color:rgb(241, 216, 227)  
}
```

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(241, 216, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 216, 227) }
```

Border

The CSS property to change the border of an element to Yxy 73.3586, 0.3234, 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(241, 216, 227) }
```

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

```
.border{ border-color:rgb(241, 216, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 216, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 216, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 216, 227);  
box-shadow:4px 4px 4px 4px rgb(241, 216,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3586, 0.3234, 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(241, 216, 227) }
```

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

```
.background{ background-color: rgb(241,  
216, 227) }
```

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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