

Converting Colors

$Y_{xy}(78.6118, 0.3344, 0.3116)$

Have a look what the booklet for
Yxy(78.6118, 0.3344, 0.3116)
contains.

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Color

Yxy(76.8839, 0.3280, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	FFD9EB
RGB	255, 217, 235
RGB Percent	100%, 85%, 92%
CMY	0.0000, 0.1491, 0.0783
CMYK	0.00, 0.15, 0.08, 0.00
HSL	332°, 100%, 93%
HSV	332°, 15%, 100%
XYZ	81.0605, 76.8839, 89.1913
YIQ	230.4140, 16.8700, 13.6540

Conversions

Conversions Part 2

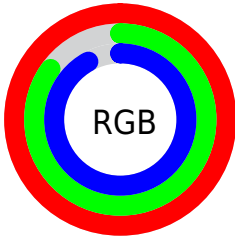
Format	Color
R _Y B	255, 217, 235
Decimal	16767467
CIE Lab	90.27, 16.11, -3.91
CIE LCh	90, 16.578, 346.350
Yxy	76.8839, 0.3280, 0.3111
Android (android.graphics.Color)	4294957547 (0xFFFFD9EB)
YUV	230.4140, 2.2609, 21.5619
Hunter-Lab	87.6835, 11.5713, 1.0689

Details

The Yxy color **76.8839, 0.3280, 0.3111** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.3821, 0.2997, 0.3476**, and the grayscale version is **79.4248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1011, 0.3317, 0.3074** is the 20% darker color. If you saturate the color by 10%, you get **63.9909, 0.3409, 0.2984**, and if you desaturate by 10%, it is **91.8610, 0.3173, 0.3233**.

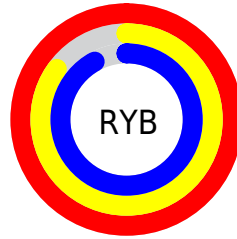
Distribution



Red (100%)

Green (85%)

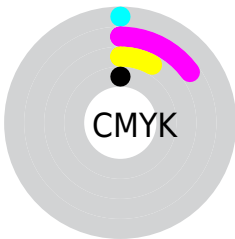
Blue (92%)



Red (100%)

Yellow (85%)

Blue (92%)

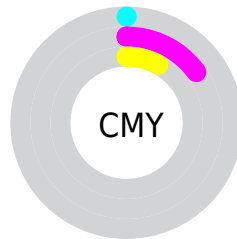


Cyan (0%)

Magenta (15%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8839, 0.3280, 0.3111 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 76.8839, 0.3280, 0.3111 by changing the saturation by 10% instead.


 76.8839, 0.3280,
0.3111

 76.8839, 0.3280,
0.3111

484.3681, 0.3211,
0.3192

 57.1576, 0.3296,
0.3093

128.9756, 0.3256,
0.3139

 41.1318, 0.3315,
0.3071


162.1097, 0.3247,
0.3150

 28.4221, 0.3339,
0.3043


200.4820, 0.3239,
0.3159

 18.6441, 0.3370,
0.3007

244.4767, 0.3232,
0.3167

 11.4134, 0.3412,
0.2960

294.4783, 0.3225,
0.3175

 6.3456, 0.3471,
0.2893

350.8711, 0.3220,

 3.0563, 0.3561,

0.3181

0.2792

414.0396, 0.3215,
0.3187

■ 1.1612, 0.3716,
0.2623

■ 0.0297, 0.5568,
0.0392

■ 76.8839, 0.3280,
0.3111

■ 76.8839, 0.3280,
0.3111

■ 63.9909, 0.3409,
0.2984

■ 91.8610, 0.3173,
0.3233

■ 53.0955, 0.3564,
0.2855

100.0000, 0.3127,
0.3290

■ 44.0936, 0.3748,
0.2731

■ 36.8746, 0.3961,
0.2619

■ 31.3164, 0.4200,
0.2533

■ 27.2814, 0.4459,
0.2485

■ 24.6093, 0.4726,
0.2486

■ 23.1032, 0.4984,
0.2544

■ 22.6420, 0.5110,
0.2589

Harmonies

Analogous

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



76.8839, 0.3082, 0.3000



76.8839, 0.3280, 0.3111



76.8839, 0.3440, 0.3267

Triad

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



76.8839, 0.3280, 0.3111



76.8839, 0.3351, 0.3635



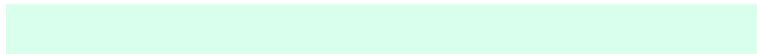
76.8839, 0.2755, 0.3127

Complementary

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



76.8839, 0.3280, 0.3111



92.3821, 0.2997, 0.3476

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.



76.8839, 0.2822, 0.3301



76.8839, 0.3280, 0.3111



76.8839, 0.3163, 0.3604

Square

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



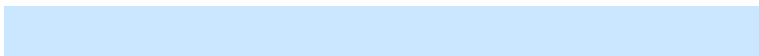
76.8839, 0.3280, 0.3111



76.8839, 0.3481, 0.3570



76.8839, 0.2970, 0.3479



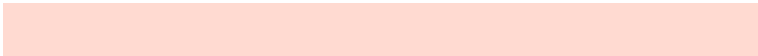
76.8839, 0.2783, 0.3004

Rectangle

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



76.8839, 0.3280, 0.3111



76.8839, 0.3501, 0.3380



76.8839, 0.2970, 0.3479



76.8839, 0.2767, 0.3181

Sweetspot

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



76.8814, 0.3280, 0.3111



93.3236, 0.3164, 0.3244



74.7818, 0.3017, 0.2905



19.7147, 0.3171, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

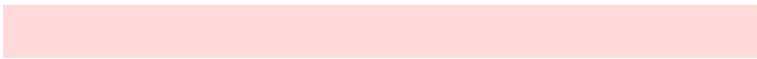
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8814, 0.3280, 0.3111



72.6734, 0.3317, 0.3072



76.2176, 0.3406, 0.3297



18.1307, 0.3219, 0.3178



11.8606, 0.5072, 0.2567



1.1767, 0.4804, 0.2420

Inverse Universe

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



76.8814, 0.3280, 0.3111



72.6734, 0.3317, 0.3072



93.0868, 0.2900, 0.3283



18.1307, 0.3219, 0.3178



11.8606, 0.5072, 0.2567



1.1767, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 76.8839, 0.3280, 0.3111 looks on a white background.

Color Contrast Check

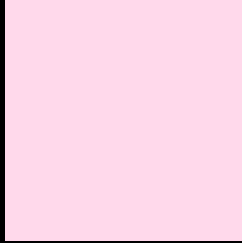
Large Text (above 18pt) WCAG AA × Fail

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 76.8839, 0.3280, 0.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

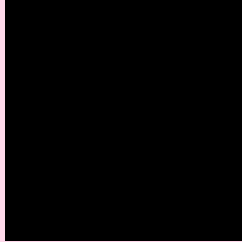
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.8839, 0.3280, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 76.8839, 0.3280, 0.3111.



This preview shows how white text looks on a background with the Yxy color 76.8839, 0.3280, 0.3111.

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

76.8839, 0.3280, 0.3111

Protanopia

77.1780, 0.3052, 0.3144

Deuteranopia

76.7197, 0.3219, 0.3148



Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

76.8839, 0.3280, 0.3111

Protanomaly

77.1255, 0.3134, 0.3136

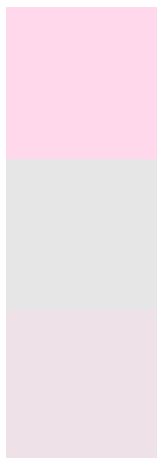
Deuteranomaly

76.7433, 0.3242, 0.3139

Tritanomaly

76.8262, 0.3287, 0.3121

Monochromacy



Original Color

76.8839, 0.3280, 0.3111

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.0273, 0.3179, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8839, 0.3280, 0.3111 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(255, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 235)  
}
```

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(255, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 235) }
```

Border

The CSS property to change the border of an element to Yxy 76.8839, 0.3280, 0.3111 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(255, 217, 235) }
```

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

```
.border{ border-color:rgb(255, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8839, 0.3280, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 235) }
```

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

```
.background{ background-color: rgb(255,  
217, 235) }
```

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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