

Converting Colors

$Y_{xy}(76.3175, 0.3317, 0.3158)$

Have a look what the booklet for
Yxy(76.3175, 0.3317, 0.3158)
contains.

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Color

Yxy(76.0849, 0.3316, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E6
RGB	255, 216, 230
RGB Percent	100%, 85%, 90%
CMY	0.0001, 0.1529, 0.0981
CMYK	0.00, 0.15, 0.10, 0.00
HSL	339°, 100%, 92%
HSV	339°, 15%, 100%
XYZ	80.0690, 76.0849, 85.3088
YIQ	229.2570, 18.7500, 12.6220

Conversions

Conversions Part 2

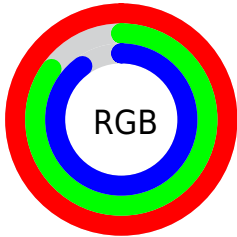
Format	Color
R _{YB}	255, 216, 230
Decimal	16767206
CIE Lab	89.90, 15.76, -1.79
CIE LCh	90, 15.863, 353.508
Yxy	76.0849, 0.3316, 0.3151
Android (android.graphics.Color)	4294957286 (0xFFFFD8E6)
YUV	229.2570, 0.3663, 22.5766
Hunter-Lab	87.2267, 11.2060, 3.0723

Details

The Yxy color **76.0849, 0.3316, 0.3151** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92.4588, 0.2969, 0.3434**, and the grayscale version is **78.5402, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5907, 0.3355, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **63.1435, 0.3475, 0.3054**, and if you desaturate by 10%, it is **91.1465, 0.3186, 0.3244**.

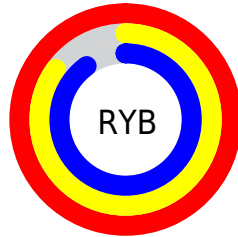
Distribution



Red (100%)

Green (85%)

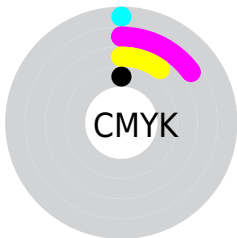
Blue (90%)



Red (100%)

Yellow (85%)

Blue (90%)

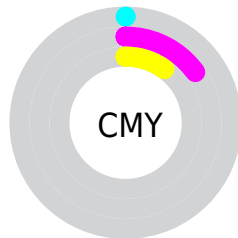


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0849, 0.3316, 0.3151 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 76.0849, 0.3316, 0.3151 by changing the saturation by 10% instead.

 76.0849, 0.3316,
0.3151

 76.0849, 0.3316,
0.3151


481.6383, 0.3230,
0.3214

 56.5021, 0.3336,
0.3137


127.8469, 0.3286,
0.3173

 40.6057, 0.3360,
0.3119


160.7949, 0.3275,
0.3181

 28.0111, 0.3390,
0.3097


198.9668, 0.3264,
0.3189

 18.3340, 0.3430,
0.3069

242.7470, 0.3256,
0.3195

 11.1901, 0.3483,
0.3030

292.5198, 0.3248,
0.3201

 6.1948, 0.3559,
0.2976

348.6697, 0.3241,

 2.9639, 0.3677,

0.3206

0.2892

411.5811, 0.3235,
0.3210

■ 1.1129, 0.3883,
0.2749

■ 0.0000, 0.7677,
0.0000

■ 76.0849, 0.3316,
0.3151

■ 76.0849, 0.3316,
0.3151

■ 63.1435, 0.3475,
0.3054

■ 91.1465, 0.3186,
0.3244

■ 52.2166, 0.3668,
0.2956

99.9955, 0.3127,
0.3290

■ 43.2047, 0.3900,
0.2862

■ 35.9956, 0.4171,
0.2780

■ 30.4654, 0.4479,
0.2722

■ 26.4744, 0.4812,
0.2701

■ 23.8599, 0.5148,
0.2728

■ 22.4215, 0.5460,
0.2807

■ 22.0168, 0.5594,
0.2856

Harmonies

Analogous

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



76.0849, 0.3130, 0.3031



76.0849, 0.3316, 0.3151



76.0849, 0.3454, 0.3307

Triad

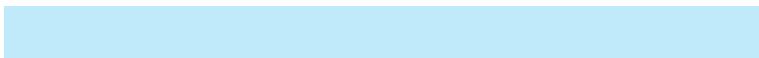
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0849, 0.3316, 0.3151



76.0849, 0.3302, 0.3623



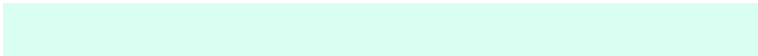
76.0849, 0.2767, 0.3100

Complementary

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



76.0849, 0.3316, 0.3151



92.4588, 0.2969, 0.3434

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.



76.0849, 0.2811, 0.3259



76.0849, 0.3316, 0.3151



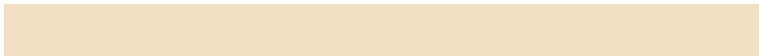
76.0849, 0.3116, 0.3569

Square

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



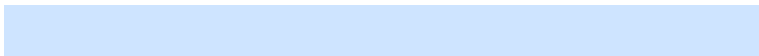
76.0849, 0.3316, 0.3151



76.0849, 0.3444, 0.3581



76.0849, 0.2937, 0.3434



76.0849, 0.2816, 0.2998

Rectangle

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



76.0849, 0.3316, 0.3151



76.0849, 0.3497, 0.3414



76.0849, 0.2937, 0.3434



76.0849, 0.2772, 0.3148

Sweetspot

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



76.0883, 0.3316, 0.3151



91.6173, 0.3183, 0.3246



74.9861, 0.3045, 0.2899



19.3672, 0.3191, 0.3240



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

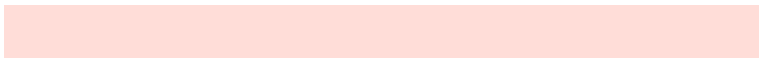
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0883, 0.3316, 0.3151



72.3759, 0.3356, 0.3125



78.0396, 0.3407, 0.3343



18.0946, 0.3238, 0.3205



11.5325, 0.5551, 0.2832



1.1428, 0.5238, 0.2659

Inverse Universe

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



76.0883, 0.3316, 0.3151



72.3759, 0.3356, 0.3125



90.0560, 0.2892, 0.3236



18.0946, 0.3238, 0.3205



11.5325, 0.5551, 0.2832



1.1428, 0.5238, 0.2659

Previews

White Background



This preview shows how the Yxy color 76.0849, 0.3316, 0.3151 looks on a white background.

Color Contrast Check

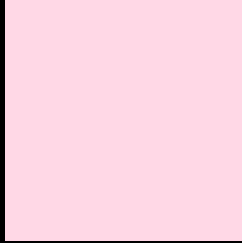
Large Text (above 18pt) WCAG AA × Fail

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 76.0849, 0.3316, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

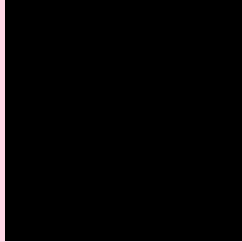
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0849, 0.3316, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 76.0849, 0.3316, 0.3151.



This preview shows how white text looks on a background with the Yxy color 76.0849, 0.3316, 0.3151.

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

76.0849, 0.3316, 0.3151

Protanopia

76.3426, 0.3084, 0.3185

Deuteranopia

76.0943, 0.3261, 0.3189



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.0849, 0.3316, 0.3151

Protanomaly

76.3029, 0.3168, 0.3177

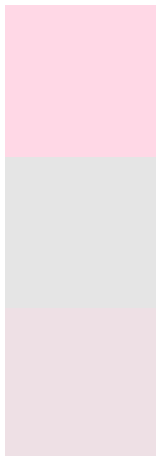
Deuteranomaly

76.1239, 0.3284, 0.3179

Tritanomaly

76.1413, 0.3309, 0.3141

Monochromacy



Original Color

76.0849, 0.3316, 0.3151

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.1456, 0.3193, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0849, 0.3316, 0.3151 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, 216, 230)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 230)  
}
```

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, 216, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 230) }
```

Border

The CSS property to change the border of an element to Yxy 76.0849, 0.3316, 0.3151 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, 216, 230) }
```

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

```
.border{ border-color:rgb(255, 216, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 230);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0849, 0.3316, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 230) }
```

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

```
.background{ background-color: rgb(255,  
216, 230) }
```

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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