

Converting Colors

$Y_{xy}(76.9373, 0.3138, 0.3186)$

Have a look what the booklet for
Yxy(76.9373, 0.3138, 0.3186)
contains.

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Color

Yxy(76.9140, 0.3139, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	EBE0EA
RGB	235, 224, 234
RGB Percent	92%, 88%, 92%
CMY	0.0783, 0.1216, 0.0822
CMYK	0.00, 0.05, 0.00, 0.08
HSL	305°, 22%, 90%
HSV	305°, 5%, 92%
XYZ	75.7794, 76.9140, 88.7191
YIQ	228.4290, 3.3460, 5.4420

Conversions

Conversions Part 2

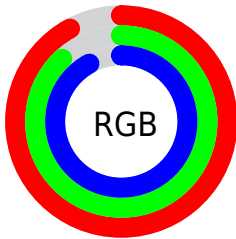
Format	Color
R_{YB}	235, 224, 234
Decimal	15458538
CIE _{Lab}	90.28, 5.52, -3.56
CIE _{LCh}	90, 6.568, 327.203
Yxy	76.9140, 0.3139, 0.3186
Android (android.graphics.Color)	4293648618 (0xFFEBE0EA)
YUV	228.4290, 2.7465, 5.7628
Hunter-Lab	87.7006, 0.7602, 1.4119

Details

The Yxy color **76.9140, 0.3139, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.7170, 0.3116, 0.3396**, and the grayscale version is **77.8972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1740, 0.3142, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **65.0243, 0.3166, 0.2959**, and if you desaturate by 10%, it is **90.5580, 0.3115, 0.3404**.

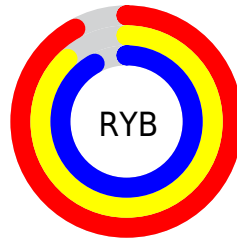
Distribution



Red (92%)

Green (88%)

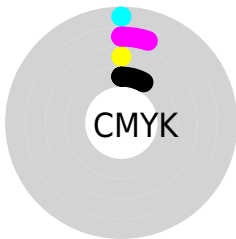
Blue (92%)



Red (92%)

Yellow (88%)

Blue (92%)

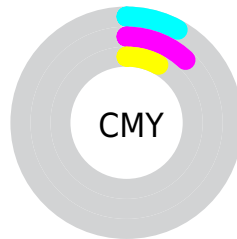


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (12%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9140, 0.3139, 0.3186 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 76.9140, 0.3139, 0.3186 by changing the saturation by 10% instead.


 76.9140, 0.3139,
0.3186

 76.9140, 0.3139,
0.3186


484.4708, 0.3134,
0.3233

 57.1823, 0.3140,
0.3175

129.0181, 0.3137,
0.3202

 41.1516, 0.3142,
0.3162


162.1592, 0.3137,
0.3209

 28.4376, 0.3143,
0.3146


200.5390, 0.3136,
0.3214

 18.6558, 0.3145,
0.3125

244.5418, 0.3135,
0.3219

 11.4218, 0.3148,
0.3096

294.5519, 0.3135,
0.3223

 6.3513, 0.3152,
0.3056

350.9539, 0.3135,

 3.0599, 0.3158,

0.3227

0.2994

414.1320, 0.3134,
0.3230

■ 1.1631, 0.3166,
0.2888

■ 0.0312, 0.3438,
0.0653

■ 76.9140, 0.3139,
0.3186

■ 76.9140, 0.3139,
0.3186

■ 65.0243, 0.3166,
0.2959

■ 90.5580, 0.3115,
0.3404

■ 54.8076, 0.3197,
0.2727

■ 95.3774, 0.3099,
0.3457


■ 46.1912, 0.3230,
0.2499


■ 95.5031, 0.3087,
0.3436


■ 39.0932, 0.3266,
0.2283

■ 95.6304, 0.3075,
0.3414


 33.4244, 0.3302,
0.2088


 95.7591, 0.3063,
0.3393


 29.0862, 0.3339,
0.1925


 95.8893, 0.3051,
0.3371


 25.9676, 0.3375,
0.1801

 96.0210, 0.3039,
0.3350

 23.9396, 0.3408,
0.1720

 96.1542, 0.3028,
0.3329

 22.8444, 0.3439,
0.1683

 96.2889, 0.3016,
0.3308

Harmonies

Analogous

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



76.9140, 0.3062, 0.3159



76.9140, 0.3139, 0.3186



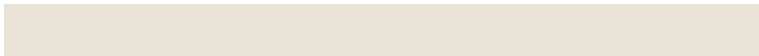
76.9140, 0.3214, 0.3240

Triad

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



76.9140, 0.3139, 0.3186



76.9140, 0.3252, 0.3415



76.9140, 0.2991, 0.3270

Complementary

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



76.9140, 0.3139, 0.3186



80.7170, 0.3116, 0.3396

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.



76.9140, 0.3041, 0.3341



76.9140, 0.3139, 0.3186



76.9140, 0.3192, 0.3425

Square

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



76.9140, 0.3139, 0.3186



76.9140, 0.3280, 0.3371



76.9140, 0.3114, 0.3398



76.9140, 0.2977, 0.3206

Rectangle

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



76.9140, 0.3139, 0.3186



76.9140, 0.3252, 0.3284



76.9140, 0.3114, 0.3398



76.9140, 0.3004, 0.3294

Sweetspot

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



76.9173, 0.3139, 0.3186



98.3690, 0.3130, 0.3268



75.3006, 0.3063, 0.3173



21.0722, 0.3130, 0.3269



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.



76.9173, 0.3139, 0.3186



90.5350, 0.3142, 0.3156



76.6092, 0.3175, 0.3242



16.0330, 0.3144, 0.3143



12.5352, 0.3450, 0.1674



0.9912, 0.3413, 0.1654

Inverse Universe

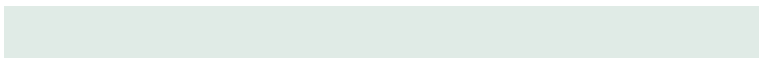
The Inverse Universe completely reimagines the original color for something new.



76.9173, 0.3139, 0.3186



90.5350, 0.3142, 0.3156



81.0188, 0.3082, 0.3338



16.0330, 0.3144, 0.3143



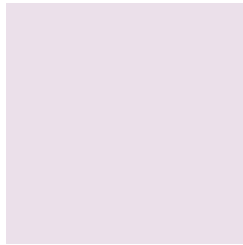
12.5352, 0.3450, 0.1674



0.9912, 0.3413, 0.1654

Previews

White Background



This preview shows how the Yxy color 76.9140, 0.3139, 0.3186 looks on a white background.

Color Contrast Check

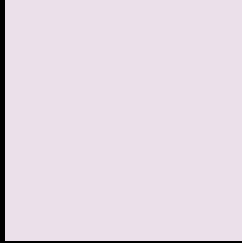
Large Text (above 18pt) WCAG AA × Fail

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 76.9140, 0.3139, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

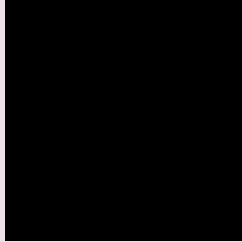
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

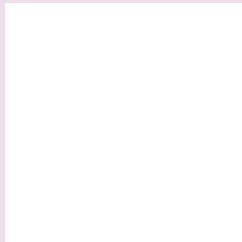
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9140, 0.3139, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 76.9140, 0.3139, 0.3186.

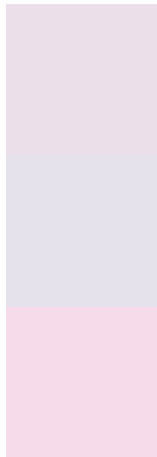


This preview shows how white text looks on a background with the Yxy color 76.9140, 0.3139, 0.3186.

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

76.9140, 0.3139, 0.3186

Protanopia

77.0489, 0.3090, 0.3196

Deuteranopia

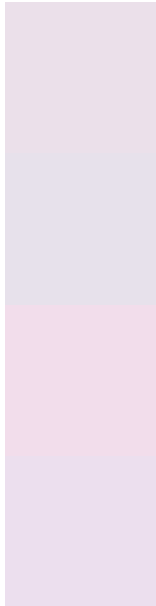
76.7774, 0.3213, 0.3138



Tritanopia

76.9591, 0.3101, 0.3105

Trichromacy



Original Color

76.9140, 0.3139, 0.3186

Protanomaly

76.8375, 0.3104, 0.3186

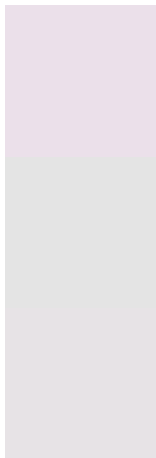
Deuteranomaly

76.5883, 0.3183, 0.3147

Tritanomaly

76.7813, 0.3120, 0.3136

Monochromacy



Original Color

76.9140, 0.3139, 0.3186

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.6403, 0.3136, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9140, 0.3139, 0.3186 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(235, 224, 234)` looks like.

```
.text, #text, p{  
    color:rgb(235, 224, 234)  
}
```

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(235, 224, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 224, 234) }
```

Border

The CSS property to change the border of an element to Yxy 76.9140, 0.3139, 0.3186 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(235, 224, 234) }
```

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

```
.border{ border-color:rgb(235, 224, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 224, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 224, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 224, 234);  
box-shadow:4px 4px 4px 4px rgb(235, 224,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9140, 0.3139, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 224, 234) }
```

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

```
.background{ background-color: rgb(235,  
224, 234) }
```

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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