

Converting Colors

Yxy(74.9534, 0.3178, 0.3149)

Have a look what the booklet for
Yxy(74.9534, 0.3178, 0.3149)
contains.

Yxy(74.8970, 0.3177, 0.3146)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(74.8970, 0.3177, 0.3146)

Conversions

Conversions Part 1

Format	Color
Hex	EFDBE9
RGB	239, 219, 233
RGB Percent	94%, 86%, 91%
CMY	0.0627, 0.1412, 0.0864
CMYK	0.00, 0.08, 0.03, 0.06
HSL	318°, 38%, 90%
HSV	318°, 8%, 94%
XYZ	75.6350, 74.8970, 87.5385
YIQ	226.5760, 7.4260, 8.5940

Conversions

Conversions Part 2

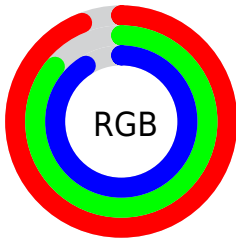
Format	Color
RYB	239, 219, 233
Decimal	15719401
CIELab	89.34, 9.27, -4.34
CIElCh	89, 10.233, 334.897
Yxy	74.8970, 0.3177, 0.3146
Android (android.graphics.Color)	4293909481 (0xFFEFDBE9)
YUV	226.5760, 3.1670, 10.8958
Hunter-Lab	86.5431, 4.5512, 0.6081

Details

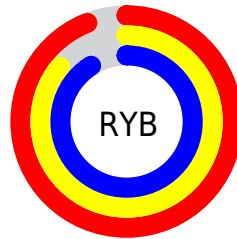
The Yxy color **74.8970, 0.3177, 0.3146** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.2389, 0.3081, 0.3438**, and the grayscale version is **76.4664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7925, 0.3191, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **62.9074, 0.3246, 0.2967**, and if you desaturate by 10%, it is **88.7005, 0.3118, 0.3317**.

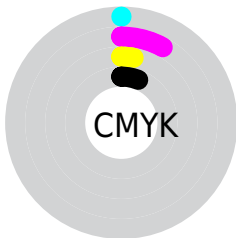
Distribution



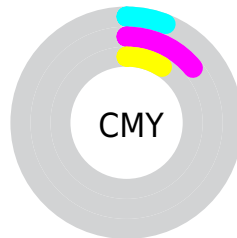
- Red (94%)
- Green (86%)
- Blue (91%)



- Red (94%)
- Yellow (86%)
- Blue (91%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (6%)




- Cyan (6%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8970, 0.3177, 0.3146 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 74.8970, 0.3177, 0.3146 by changing the saturation by 10% instead.


 74.8970, 0.3177,
0.3146

 74.8970, 0.3177,
0.3146

477.5635, 0.3154,
0.3212

 55.5285, 0.3182,
0.3131


126.1665, 0.3169,
0.3169

 39.8250, 0.3188,
0.3113


158.8364, 0.3166,
0.3177

 27.4021, 0.3196,
0.3090


196.7088, 0.3164,
0.3185

 17.8755, 0.3206,
0.3061

240.1682, 0.3161,
0.3192

 10.8606, 0.3219,
0.3021

289.5990, 0.3159,
0.3198

 5.9732, 0.3238,
0.2965

345.3855, 0.3158,

 2.8288, 0.3267,

0.3203

0.2879

407.9122, 0.3156,
0.3207

1.0430, 0.3315,
0.2732

0.0000, 0.4119,
0.0000

74.8970, 0.3177,
0.3146

74.8970, 0.3177,
0.3146

62.9074, 0.3246,
0.2967

88.7005, 0.3118,
0.3317

52.6458, 0.3327,
0.2784

96.6128, 0.3072,
0.3365

44.0338, 0.3421,
0.2602

97.0680, 0.3032,
0.3293

36.9833, 0.3526,
0.2431

97.0926, 0.3029,
0.3290

■ 31.3978, 0.3643,
0.2279

■ 27.1701, 0.3767,
0.2159

■ 24.1783, 0.3897,
0.2079

■ 22.2784, 0.4026,
0.2049

■ 21.2656, 0.4151,
0.2067

Harmonies

Analogous

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



74.8970, 0.3054, 0.3092



74.8970, 0.3177, 0.3146



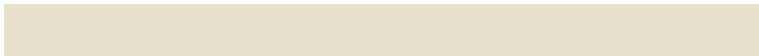
74.8970, 0.3289, 0.3237

Triad

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



74.8970, 0.3177, 0.3146



74.8970, 0.3304, 0.3496



74.8970, 0.2903, 0.3230

Complementary

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



74.8970, 0.3177, 0.3146



82.2389, 0.3081, 0.3438

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.



74.8970, 0.2967, 0.3342



74.8970, 0.3177, 0.3146



74.8970, 0.3198, 0.3498

Square

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



74.8970, 0.3177, 0.3146



74.8970, 0.3362, 0.3438



74.8970, 0.3074, 0.3441



74.8970, 0.2897, 0.3137

Rectangle

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



74.8970, 0.3177, 0.3146



74.8970, 0.3341, 0.3308



74.8970, 0.3074, 0.3441



74.8970, 0.2918, 0.3266

Sweetspot

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



74.9003, 0.3177, 0.3146



95.0679, 0.3144, 0.3239



72.9075, 0.3039, 0.3079



20.0734, 0.3149, 0.3225



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.



74.9003, 0.3177, 0.3146



84.3098, 0.3188, 0.3117



74.3468, 0.3245, 0.3249



15.9454, 0.3184, 0.3127



11.7041, 0.4153, 0.2061



0.9912, 0.3998, 0.1976

Inverse Universe

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



74.9003, 0.3177, 0.3146



84.3098, 0.3188, 0.3117



82.7990, 0.3021, 0.3332



15.9454, 0.3184, 0.3127



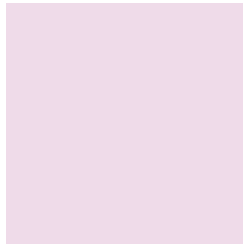
11.7041, 0.4153, 0.2061



0.9912, 0.3998, 0.1976

Previews

White Background



This preview shows how the Yxy color 74.8970, 0.3177, 0.3146 looks on a white background.

Color Contrast Check

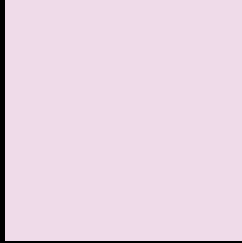
Large Text (above 18pt) WCAG AA × Fail

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 74.8970, 0.3177, 0.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

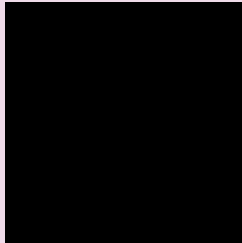
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

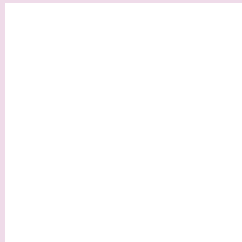
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8970, 0.3177, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 74.8970, 0.3177, 0.3146.

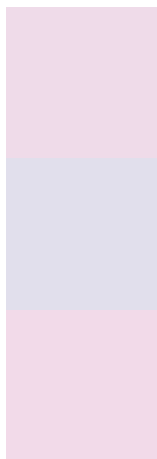


This preview shows how white text looks on a background with the Yxy color 74.8970, 0.3177, 0.3146.

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

74.8970, 0.3177, 0.3146

Protanopia

74.8390, 0.3057, 0.3153

Deuteranopia

74.9032, 0.3199, 0.3136



Tritanopia

75.0699, 0.3157, 0.3115

Trichromacy



Original Color

74.8970, 0.3177, 0.3146

Protanomaly

75.0637, 0.3099, 0.3154

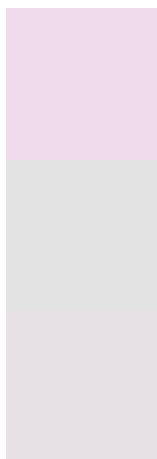
Deuteranomaly

74.7268, 0.3192, 0.3136

Tritanomaly

75.0119, 0.3163, 0.3125

Monochromacy



Original Color

74.8970, 0.3177, 0.3146

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9574, 0.3144, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8970, 0.3177, 0.3146 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(239, 219, 233)` looks like.

```
.text, #text, p{  
    color:rgb(239, 219, 233)  
}
```

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(239, 219, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 219, 233) }
```

Border

The CSS property to change the border of an element to Yxy 74.8970, 0.3177, 0.3146 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(239, 219, 233) }
```

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

```
.border{ border-color:rgb(239, 219, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 219, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 219, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 219, 233);  
box-shadow:4px 4px 4px 4px rgb(239, 219,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8970, 0.3177, 0.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 219, 233) }
```

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

```
.background{ background-color: rgb(239,  
219, 233) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor