

Converting Colors

$Y_{xy}(74.9185, 0.3160, 0.3196)$

Have a look what the booklet for
Yxy(74.9185, 0.3160, 0.3196)
contains.

Yxy(74.9185, 0.3160, 0.3196)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9185, 0.3160, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	EADDE6
RGB	234, 221, 230
RGB Percent	92%, 87%, 90%
CMY	0.0823, 0.1333, 0.0980
CMYK	0.00, 0.06, 0.02, 0.08
HSL	319°, 24%, 89%
HSV	319°, 6%, 92%
XYZ	74.0746, 74.9185, 85.4202
YIQ	225.9130, 4.8590, 5.5550

Conversions

Conversions Part 2

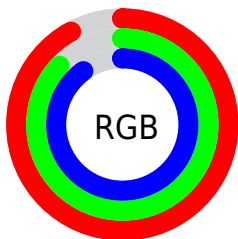
Format	Color
R _Y B	234, 221, 230
Decimal	15392230
CIE Lab	89.35, 6.01, -2.81
CIE LCh	89, 6.639, 334.945
Yxy	74.9185, 0.3160, 0.3196
Android (android.graphics.Color)	4293582310 (0xFFEADDE6)
YUV	225.9130, 2.0149, 7.0923
Hunter-Lab	86.5555, 1.2891, 2.0765

Details

The Yxy color **74.9185, 0.3160, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6638, 0.3096, 0.3386**, and the grayscale version is **75.9730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8326, 0.3161, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **63.0165, 0.3227, 0.3021**, and if you desaturate by 10%, it is **88.5661, 0.3103, 0.3363**.

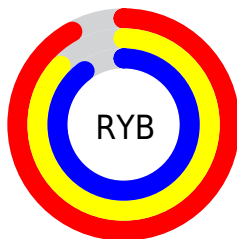
Distribution



Red (92%)

Green (87%)

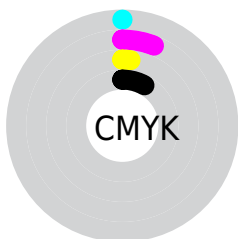
Blue (90%)



Red (92%)

Yellow (87%)

Blue (90%)

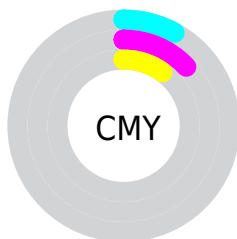


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (8%)



Cyan (8%)


Magenta (13%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9185, 0.3160, 0.3196 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 74.9185, 0.3160, 0.3196 by changing the saturation by 10% instead.


 74.9185, 0.3160,
0.3196

 74.9185, 0.3160,
0.3196


477.6374, 0.3145,
0.3239

 55.5461, 0.3163,
0.3186


126.1970, 0.3155,
0.3211

 39.8391, 0.3167,
0.3174

158.8719, 0.3153,
0.3217

 27.4131, 0.3173,
0.3159

196.7498, 0.3151,
0.3222

 17.8838, 0.3179,
0.3140

240.2150, 0.3150,
0.3226

 10.8666, 0.3188,
0.3113

289.6520, 0.3148,
0.3230

 5.9772, 0.3201,
0.3076

345.4451, 0.3147,

 2.8312, 0.3221,

0.3233

0.3017

407.9788, 0.3146,
0.3236

■ 1.0443, 0.3255,
0.2916

■ 0.0000, 0.3992,
0.0000

■ 74.9185, 0.3160,
0.3196

■ 74.9185, 0.3160,
0.3196

■ 63.0165, 0.3227,
0.3021

■ 88.5661, 0.3103,
0.3363

■ 52.7793, 0.3306,
0.2840

■ 95.5731, 0.3058,
0.3395

■ 44.1343, 0.3398,
0.2659

■ 96.0212, 0.3018,
0.3323

■ 36.9996, 0.3502,
0.2485

■ 96.2351, 0.2999,
0.3290

■ 31.2859, 0.3618,
0.2328

■ 26.8947, 0.3744,
0.2199

■ 23.7148, 0.3875,
0.2108

■ 21.6162, 0.4008,
0.2064

■ 20.4394, 0.4138,
0.2071

Harmonies

Analogous

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



74.9185, 0.3080, 0.3160



74.9185, 0.3160, 0.3196



74.9185, 0.3232, 0.3256

Triad

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



74.9185, 0.3160, 0.3196



74.9185, 0.3242, 0.3423



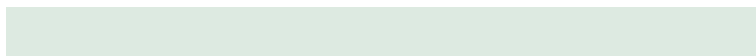
74.9185, 0.2981, 0.3252

Complementary

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



74.9185, 0.3160, 0.3196



79.6638, 0.3096, 0.3386

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.



74.9185, 0.3023, 0.3324



74.9185, 0.3160, 0.3196



74.9185, 0.3173, 0.3424

Square

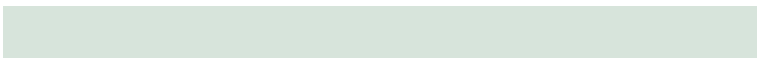
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9185, 0.3160, 0.3196



74.9185, 0.3279, 0.3387



74.9185, 0.3093, 0.3387



74.9185, 0.2977, 0.3191

Rectangle

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



74.9185, 0.3160, 0.3196



74.9185, 0.3265, 0.3302



74.9185, 0.3093, 0.3387



74.9185, 0.2991, 0.3275

Sweetspot

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



74.9217, 0.3160, 0.3196



96.6882, 0.3139, 0.3256



73.6471, 0.3070, 0.3152



20.7299, 0.3138, 0.3258



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.



74.9217, 0.3160, 0.3196



88.7858, 0.3169, 0.3171



74.5688, 0.3203, 0.3263



15.7343, 0.3173, 0.3161



11.3162, 0.4176, 0.2074



0.9057, 0.4009, 0.1982

Inverse Universe

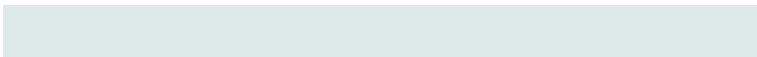
The Inverse Universe completely reimagines the original color for something new.



74.9217, 0.3160, 0.3196



88.7858, 0.3169, 0.3171



80.0196, 0.3057, 0.3317



15.7343, 0.3173, 0.3161



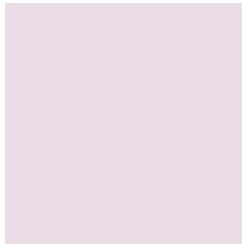
11.3162, 0.4176, 0.2074



0.9057, 0.4009, 0.1982

Previews

White Background



This preview shows how the Yxy color 74.9185, 0.3160, 0.3196 looks on a white background.

Color Contrast Check

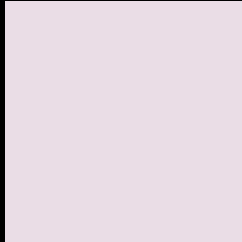
Large Text (above 18pt) WCAG AA × Fail

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 74.9185, 0.3160, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

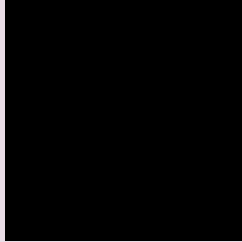
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

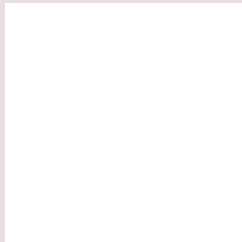
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9185, 0.3160, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 74.9185, 0.3160, 0.3196.

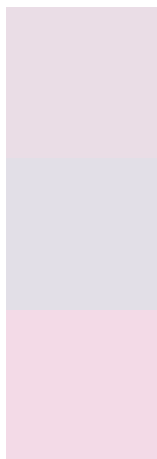


This preview shows how white text looks on a background with the Yxy color 74.9185, 0.3160, 0.3196.

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

74.9185, 0.3160, 0.3196

Protanopia

74.7136, 0.3096, 0.3205

Deuteranopia

74.9670, 0.3220, 0.3157



Tritanopia

74.9630, 0.3121, 0.3114

Trichromacy



Original Color

74.9185, 0.3160, 0.3196

Protanomaly

74.6701, 0.3118, 0.3195

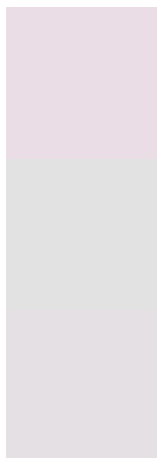
Deuteranomaly

74.9578, 0.3197, 0.3166

Tritanomaly

74.7891, 0.3141, 0.3145

Monochromacy



Original Color

74.9185, 0.3160, 0.3196

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5154, 0.3143, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9185, 0.3160, 0.3196 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(234, 221, 230)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 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(234, 221, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 230) }
```

Border

The CSS property to change the border of an element to Yxy 74.9185, 0.3160, 0.3196 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(234, 221, 230) }
```

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

```
.border{ border-color:rgb(234, 221, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 230);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9185, 0.3160, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 230) }
```

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

```
.background{ background-color: rgb(234,  
221, 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](#).

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