

Converting Colors

$Y_{xy}(70.1403, 0.3113, 0.3119)$

Have a look what the booklet for
Yxy(70.1403, 0.3113, 0.3119)
contains.

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Color

Yxy(70.1372, 0.3113, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	E3D6E6
RGB	227, 214, 230
RGB Percent	89%, 84%, 90%
CMY	0.1099, 0.1607, 0.0979
CMYK	0.01, 0.07, 0.00, 0.10
HSL	289°, 24%, 87%
HSV	289°, 7%, 90%
XYZ	70.0023, 70.1372, 84.7313
YIQ	219.7110, 2.6120, 7.7320

Conversions

Conversions Part 2

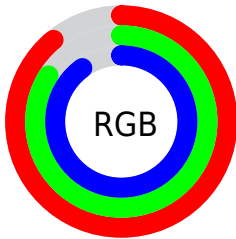
Format	Color
R _Y B	227, 214, 230
Decimal	14931686
CIE Lab	87.06, 7.30, -6.26
CIE LCh	87, 9.616, 319.355
Yxy	70.1372, 0.3113, 0.3119
Android (android.graphics.Color)	4293121766 (0xFFE3D6E6)
YUV	219.7110, 5.0725, 6.3925
Hunter-Lab	83.7480, 2.6436, -1.3626

Details

The Yxy color $70.1372, 0.3113, 0.3119$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $76.2292, 0.3140, 0.3465$, and the grayscale version is $71.3206, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.6621, 0.3109, 0.3068$ is the 20% darker color. If you saturate the color by 10%, you get $58.5998, 0.3089, 0.2863$, and if you desaturate by 10%, it is $83.3431, 0.3133, 0.3362$.

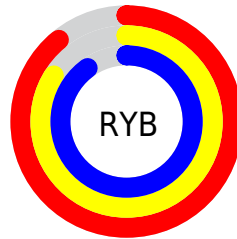
Distribution



Red (89%)

Green (84%)

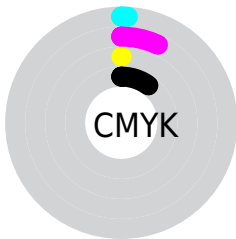
Blue (90%)



Red (89%)

Yellow (84%)

Blue (90%)

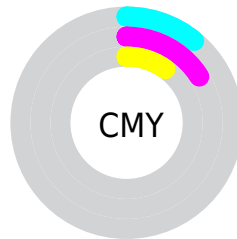


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (10%)



Cyan (11%)

Magenta (16%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1372, 0.3113, 0.3119 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 70.1372, 0.3113, 0.3119 by changing the saturation by 10% instead.

70.1372, 0.3113,
0.3119

70.1372, 0.3113,
0.3119

461.0316, 0.3120,
0.3198

51.6384, 0.3111,
0.3101

119.4044, 0.3116,
0.3146

36.7169, 0.3109,
0.3079

150.9416, 0.3117,
0.3157

24.9884, 0.3106,
0.3051

187.5937, 0.3117,
0.3166

16.0684, 0.3102,
0.3015

229.7450, 0.3118,
0.3174

9.5726, 0.3097,
0.2965

277.7801, 0.3119,
0.3181

5.1165, 0.3088,
0.2894

332.0833, 0.3119,

2.3158, 0.3073,

0.3187

0.2783

393.0390, 0.3120,
0.3193

0.7820, 0.3046,
0.2578

0.0000, 0.0000,
0.0000

70.1372, 0.3113,
0.3119

70.1372, 0.3113,
0.3119

58.5998, 0.3089,
0.2863

83.3431, 0.3133,
0.3362

48.6532, 0.3059,
0.2600

95.0281, 0.3151,
0.3541

40.2269, 0.3024,
0.2336

95.7900, 0.3179,
0.3539

33.2416, 0.2984,
0.2082

96.5706, 0.3207,
0.3537

■ 27.6108, 0.2939,
0.1848

■ 97.3701, 0.3235,
0.3535

■ 23.2384, 0.2890,
0.1645

■ 98.1885, 0.3263,
0.3533

■ 20.0160, 0.2840,
0.1482

■ 98.4948, 0.3274,
0.3532

■ 17.8161, 0.2788,
0.1364

■ 16.4745, 0.2737,
0.1291

Harmonies

Analogous

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



70.1372, 0.3001, 0.3091



70.1372, 0.3113, 0.3119



70.1372, 0.3230, 0.3191

Triad

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



70.1372, 0.3113, 0.3119



70.1372, 0.3333, 0.3465



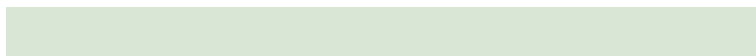
70.1372, 0.2937, 0.3287

Complementary

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



70.1372, 0.3113, 0.3119



76.2292, 0.3140, 0.3465

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.



70.1372, 0.3023, 0.3393



70.1372, 0.3113, 0.3119



70.1372, 0.3252, 0.3496

Square

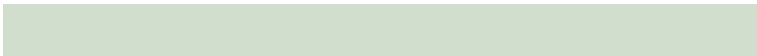
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.1372, 0.3113, 0.3119



70.1372, 0.3359, 0.3388



70.1372, 0.3138, 0.3470



70.1372, 0.2901, 0.3185

Rectangle

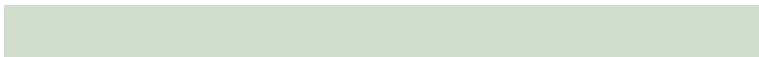
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1372, 0.3113, 0.3119



70.1372, 0.3295, 0.3254



70.1372, 0.3138, 0.3470



70.1372, 0.2961, 0.3324

Sweetspot

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



70.1402, 0.3113, 0.3119



96.6044, 0.3123, 0.3241



69.7509, 0.3020, 0.3150



20.7129, 0.3123, 0.3244



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.



70.1402, 0.3113, 0.3119



86.9349, 0.3111, 0.3092



70.3767, 0.3168, 0.3171



14.4685, 0.3107, 0.3056



9.1942, 0.2730, 0.1278



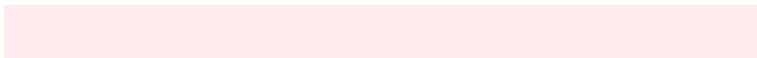
0.7154, 0.2804, 0.1318

Inverse Universe

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



69.9420, 0.3224, 0.3257



86.6506, 0.3240, 0.3252



76.0128, 0.3089, 0.3412



14.4128, 0.3262, 0.3245



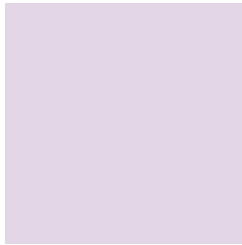
9.6407, 0.6092, 0.3130



0.7252, 0.5699, 0.2913

Previews

White Background



This preview shows how the Yxy color 70.1372, 0.3113, 0.3119 looks on a white background.

Color Contrast Check

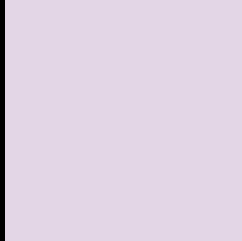
Large Text (above 18pt) WCAG AA × Fail

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 70.1372, 0.3113, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

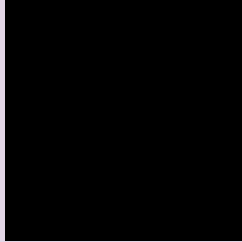
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

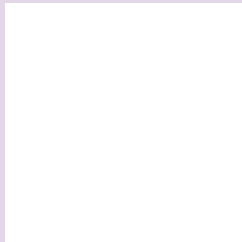
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1372, 0.3113, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 70.1372, 0.3113, 0.3119.

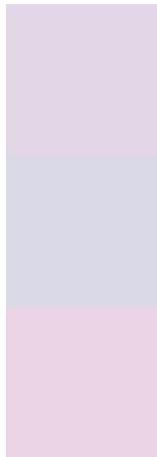


This preview shows how white text looks on a background with the Yxy color 70.1372, 0.3113, 0.3119.

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

70.1372, 0.3113, 0.3119

Protanopia

70.3573, 0.3036, 0.3127

Deuteranopia

70.2926, 0.3165, 0.3101



Tritanopia

70.1935, 0.3107, 0.3109

Trichromacy



Original Color

70.1372, 0.3113, 0.3119

Protanomaly

70.2534, 0.3063, 0.3128

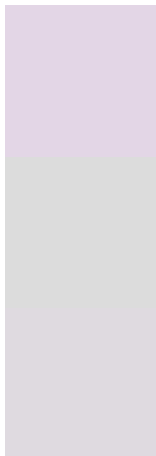
Deuteranomaly

70.2906, 0.3143, 0.3110

Tritanomaly

70.1935, 0.3107, 0.3109

Monochromacy



Original Color

70.1372, 0.3113, 0.3119

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2126, 0.3123, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1372, 0.3113, 0.3119 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(227, 214, 230)` looks like.

```
.text, #text, p{  
    color:rgb(227, 214, 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(227, 214, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 214, 230) }
```

Border

The CSS property to change the border of an element to Yxy 70.1372, 0.3113, 0.3119 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(227, 214, 230) }
```

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

```
.border{ border-color:rgb(227, 214, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 214, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 214, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 214, 230);  
box-shadow:4px 4px 4px 4px rgb(227, 214,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1372, 0.3113, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 214, 230) }
```

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

```
.background{ background-color: rgb(227,  
214, 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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