

Converting Colors

$Yxy(71.7442, 0.3111, 0.3216)$

Have a look what the booklet for
Yxy(71.7442, 0.3111, 0.3216)
contains.

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Color

Yxy(71.8420, 0.3109, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	DFDBE2
RGB	223, 219, 226
RGB Percent	87%, 86%, 89%
CMY	0.1257, 0.1411, 0.1138
CMYK	0.01, 0.03, 0.00, 0.11
HSL	274°, 11%, 87%
HSV	274°, 3%, 89%
XYZ	69.4733, 71.8420, 82.1435
YIQ	220.9940, 0.1370, 3.0250

Conversions

Conversions Part 2

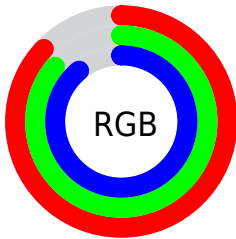
Format	Color
R _Y B	223, 219, 226
Decimal	14670818
CIE Lab	87.89, 2.59, -2.94
CIE LCh	88, 3.918, 311.299
Yxy	71.8420, 0.3109, 0.3215
Android (android.graphics.Color)	4292860898 (0xFFDFDBE2)
YUV	220.9940, 2.4680, 1.7593
Hunter-Lab	84.7597, -2.0217, 1.8718

Details

The Yxy color **71.8420, 0.3109, 0.3215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.0407, 0.3145, 0.3365**, and the grayscale version is **72.2796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8160, 0.3104, 0.3192** is the 20% darker color. If you saturate the color by 10%, you get **59.3152, 0.3043, 0.2958**, and if you desaturate by 10%, it is **86.0677, 0.3165, 0.3451**.

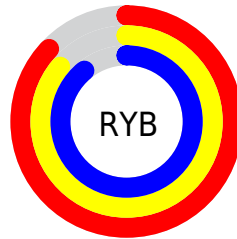
Distribution



Red (87%)

Green (86%)

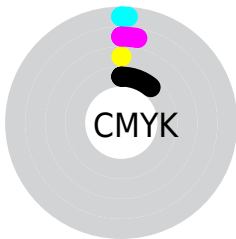
Blue (89%)



Red (87%)

Yellow (86%)

Blue (89%)

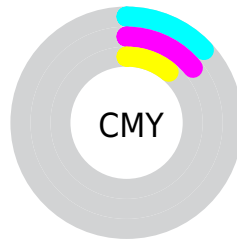


Cyan (1%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8420, 0.3109, 0.3215 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 71.8420, 0.3109, 0.3215 by changing the saturation by 10% instead.

■ 71.8420, 0.3109,
0.3215

■ 71.8420, 0.3109,
0.3215

466.9915, 0.3118,
0.3250

■ 53.0296, 0.3107,
0.3207

121.8319, 0.3112,
0.3227

■ 37.8264, 0.3105,
0.3197

153.7781, 0.3113,
0.3232

■ 25.8480, 0.3101,
0.3185

190.8712, 0.3114,
0.3236

■ 16.7100, 0.3097,
0.3169

233.4954, 0.3115,
0.3239

■ 10.0279, 0.3092,
0.3146

282.0351, 0.3116,
0.3242

■ 5.4175, 0.3083,
0.3114

336.8748, 0.3116,

■ 2.4942, 0.3070,

0.3245

0.3064

398.3987, 0.3117,
0.3248

0.8737, 0.3044,
0.2973

0.0000, 0.0000,
0.0000

71.8420, 0.3109,
0.3215

71.8420, 0.3109,
0.3215

59.3152, 0.3043,
0.2958

86.0677, 0.3165,
0.3451

48.4123, 0.2966,
0.2684

96.0178, 0.3219,
0.3579

39.0666, 0.2877,
0.2397

97.8244, 0.3282,
0.3573

31.2028, 0.2777,
0.2106

98.2701, 0.3298,
0.3572

■ 24.7394, 0.2667,
0.1822

■ 19.5869, 0.2551,
0.1558

■ 15.6447, 0.2433,
0.1329

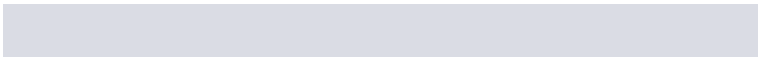
■ 12.7972, 0.2317,
0.1145

■ 10.9049, 0.2207,
0.1015

Harmonies

Analogous

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



71.8420, 0.3066, 0.3209



71.8420, 0.3109, 0.3215



71.8420, 0.3157, 0.3240

Triad

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



71.8420, 0.3109, 0.3215



71.8420, 0.3215, 0.3355



71.8420, 0.3058, 0.3301

Complementary

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



71.8420, 0.3109, 0.3215



75.0407, 0.3145, 0.3365

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.



71.8420, 0.3097, 0.3341



71.8420, 0.3109, 0.3215



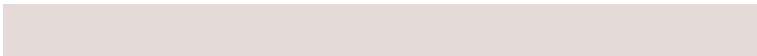
71.8420, 0.3188, 0.3372

Square

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



71.8420, 0.3109, 0.3215



71.8420, 0.3219, 0.3320



71.8420, 0.3145, 0.3367



71.8420, 0.3037, 0.3259

Rectangle

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



71.8420, 0.3109, 0.3215



71.8420, 0.3185, 0.3265



71.8420, 0.3145, 0.3367



71.8420, 0.3069, 0.3315

Sweetspot

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



71.8451, 0.3109, 0.3215



98.1725, 0.3121, 0.3266



72.8805, 0.3080, 0.3248



21.0322, 0.3122, 0.3267



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.



71.8451, 0.3109, 0.3215



92.8262, 0.3103, 0.3192



72.3142, 0.3133, 0.3219



14.9029, 0.3099, 0.3174



5.7778, 0.2153, 0.0959



0.4532, 0.2309, 0.1046

Inverse Universe

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



72.1212, 0.3157, 0.3257



93.3002, 0.3166, 0.3247



74.5820, 0.3121, 0.3362



14.9931, 0.3173, 0.3240



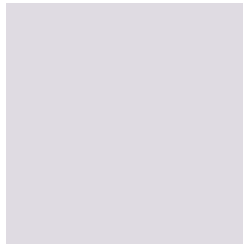
9.7613, 0.5212, 0.2645



0.6944, 0.4827, 0.2433

Previews

White Background



This preview shows how the Yxy color 71.8420, 0.3109, 0.3215 looks on a white background.

Color Contrast Check

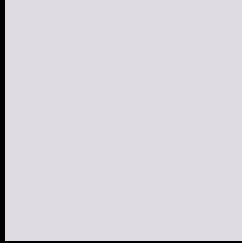
Large Text (above 18pt) WCAG AA × Fail

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 71.8420, 0.3109, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

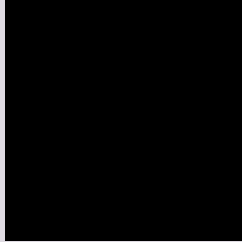
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

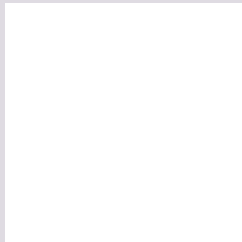
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8420, 0.3109, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 71.8420, 0.3109, 0.3215.

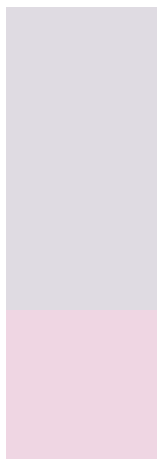


This preview shows how white text looks on a background with the Yxy color 71.8420, 0.3109, 0.3215.

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

71.8420, 0.3109, 0.3215

Protanopia

71.8420, 0.3109, 0.3215

Deuteranopia

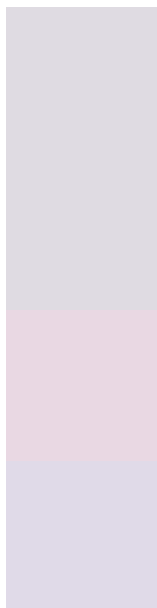
71.9899, 0.3221, 0.3155



Tritanopia

71.9883, 0.3058, 0.3109

Trichromacy



Original Color

71.8420, 0.3109, 0.3215

Protanomaly

71.8420, 0.3109, 0.3215

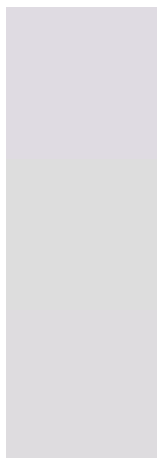
Deuteranomaly

71.9814, 0.3176, 0.3174

Tritanomaly

71.8163, 0.3077, 0.3140

Monochromacy



Original Color

71.8420, 0.3109, 0.3215

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.0437, 0.3122, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8420, 0.3109, 0.3215 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(223, 219, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 219, 226)  
}
```

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(223, 219, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 219, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.8420, 0.3109, 0.3215 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(223, 219, 226) }
```

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

```
.border{ border-color:rgb(223, 219, 226) }
```

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

Here you see how a box with a 4 pixel rgb(223, 219, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 219, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 219, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 219,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8420, 0.3109, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 219, 226) }
```

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

```
.background{ background-color: rgb(223,  
219, 226) }
```

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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