

Converting Colors

$Yxy(71.2277, 0.3108, 0.3061)$

Have a look what the booklet for
Yxy(71.2277, 0.3108, 0.3061)
contains.

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Color

Yxy(71.3051, 0.3109, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	E8D6EC
RGB	232, 214, 236
RGB Percent	91%, 84%, 93%
CMY	0.0902, 0.1608, 0.0744
CMYK	0.02, 0.09, 0.00, 0.07
HSL	289°, 37%, 88%
HSV	289°, 9%, 93%
XYZ	72.4706, 71.3051, 89.3237
YIQ	221.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

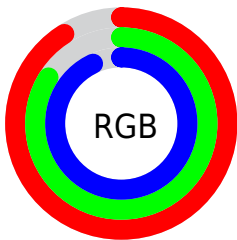
Format	Color
R _Y B	232, 214, 236
Decimal	15259372
CIE Lab	87.63, 10.09, -8.55
CIE LCh	88, 13.224, 319.730
Yxy	71.3051, 0.3109, 0.3059
Android (android.graphics.Color)	4293449452 (0xFFE8D6EC)
YUV	221.8900, 6.9562, 8.8665
Hunter-Lab	84.4423, 5.4192, -3.6077

Details

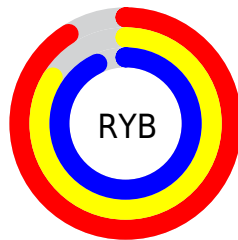
The Yxy color **71.3051, 0.3109, 0.3059** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.7734, 0.3143, 0.3528**, and the grayscale version is **72.9167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3217, 0.3103, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **59.5014, 0.3085, 0.2801**, and if you desaturate by 10%, it is **84.8637, 0.3128, 0.3306**.

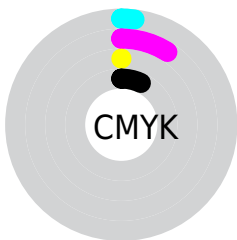
Distribution



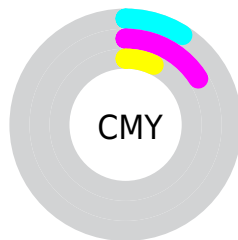
- Red (91%)
- Green (84%)
- Blue (93%)



- Red (91%)
- Yellow (84%)
- Blue (93%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)





- Cyan (9%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3051, 0.3109, 0.3059 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 71.3051, 0.3109, 0.3059 by changing the saturation by 10% instead.

 71.3051, 0.3109,
0.3059

 71.3051, 0.3109,
0.3059

465.1193, 0.3118,
0.3165

 52.5912, 0.3107,
0.3035

121.0681, 0.3112,
0.3095

 37.4765, 0.3104,
0.3006


152.8859, 0.3114,
0.3110

 25.5767, 0.3100,
0.2969


189.8405, 0.3115,
0.3122

 16.5072, 0.3095,
0.2921

232.3164, 0.3116,
0.3133

 9.8838, 0.3087,
0.2857

280.6978, 0.3116,
0.3142

 5.3220, 0.3075,
0.2766

335.3691, 0.3117,

 2.4374, 0.3054,

0.3150

0.2626

396.7148, 0.3118,
0.3158

0.8450, 0.3012,
0.2385

0.0000, 0.0000,
0.0000

71.3051, 0.3109,
0.3059

71.3051, 0.3109,
0.3059

59.5014, 0.3085,
0.2801

84.8637, 0.3128,
0.3306

49.3691, 0.3056,
0.2537

96.2137, 0.3147,
0.3478

40.8317, 0.3022,
0.2275

96.9799, 0.3174,
0.3477

33.8030, 0.2983,
0.2026

97.7641, 0.3201,
0.3475

■ 28.1889, 0.2939,
0.1800

■ 98.5665, 0.3229,
0.3474

■ 23.8840, 0.2893,
0.1607

■ 98.8380, 0.3238,
0.3473

■ 20.7688, 0.2844,
0.1457

■ 18.7011, 0.2795,
0.1352

■ 17.4568, 0.2747,
0.1289

Harmonies

Analogous

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



71.3051, 0.2957, 0.3019



71.3051, 0.3109, 0.3059



71.3051, 0.3270, 0.3156

Triad

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



71.3051, 0.3109, 0.3059



71.3051, 0.3408, 0.3529



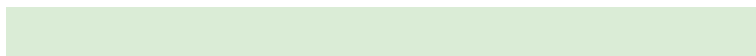
71.3051, 0.2867, 0.3283

Complementary

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



71.3051, 0.3109, 0.3059



79.7734, 0.3143, 0.3528

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.



71.3051, 0.2983, 0.3429



71.3051, 0.3109, 0.3059



71.3051, 0.3295, 0.3573

Square

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



71.3051, 0.3109, 0.3059



71.3051, 0.3445, 0.3424



71.3051, 0.3139, 0.3537



71.3051, 0.2820, 0.3144

Rectangle

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



71.3051, 0.3109, 0.3059



71.3051, 0.3359, 0.3242



71.3051, 0.3139, 0.3537



71.3051, 0.2899, 0.3333

Sweetspot

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



71.3082, 0.3109, 0.3059



94.9518, 0.3122, 0.3217



70.5172, 0.2982, 0.3094



20.0418, 0.3120, 0.3197



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.



71.3082, 0.3109, 0.3059



82.4320, 0.3105, 0.3015



71.5916, 0.3185, 0.3133



15.1666, 0.3109, 0.3056



9.6324, 0.2751, 0.1289



0.7925, 0.2818, 0.1326

Inverse Universe

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



70.9946, 0.3262, 0.3248



82.0012, 0.3290, 0.3240



79.5246, 0.3073, 0.3453



15.0990, 0.3264, 0.3247



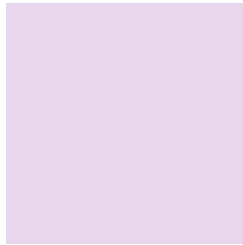
9.9400, 0.6116, 0.3143



0.7933, 0.5752, 0.2942

Previews

White Background



This preview shows how the Yxy color 71.3051, 0.3109, 0.3059 looks on a white background.

Color Contrast Check

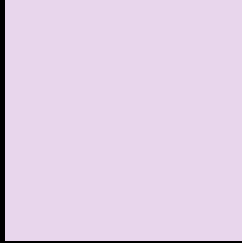
Large Text (above 18pt) WCAG AA × Fail

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 71.3051, 0.3109, 0.3059 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

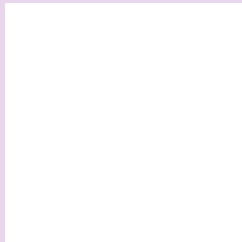
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3051, 0.3109, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 71.3051, 0.3109, 0.3059.



This preview shows how white text looks on a background with the Yxy color 71.3051, 0.3109, 0.3059.

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

71.3051, 0.3109, 0.3059

Protanopia

71.2802, 0.2991, 0.3065

Deuteranopia

71.1371, 0.3124, 0.3050



Tritanopia

71.4160, 0.3128, 0.3111

Trichromacy



Original Color

71.3051, 0.3109, 0.3059

Protanomaly

71.4867, 0.3032, 0.3066

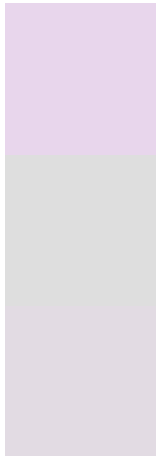
Deuteranomaly

70.9683, 0.3117, 0.3049

Tritanomaly

71.4730, 0.3122, 0.3100

Monochromacy



Original Color

71.3051, 0.3109, 0.3059

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3778, 0.3124, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3051, 0.3109, 0.3059 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(232, 214, 236)` looks like.

```
.text, #text, p{  
    color:rgb(232, 214, 236)  
}
```

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(232, 214, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 214, 236) }
```

Border

The CSS property to change the border of an element to Yxy 71.3051, 0.3109, 0.3059 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(232, 214, 236) }
```

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

```
.border{ border-color:rgb(232, 214, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 214, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 214, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 214, 236);  
box-shadow:4px 4px 4px 4px rgb(232, 214,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3051, 0.3109, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 214, 236) }
```

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

```
.background{ background-color: rgb(232,  
214, 236) }
```

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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