

Converting Colors

$Yxy(71.2922, 0.3147, 0.3190)$

Have a look what the booklet for
Yxy(71.2922, 0.3147, 0.3190)
contains.

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Color

Yxy(71.0967, 0.3147, 0.3183)

Conversions

Conversions Part 1

Format	Color
Hex	E4D8E2
RGB	228, 216, 226
RGB Percent	89%, 85%, 89%
CMY	0.1056, 0.1530, 0.1137
CMYK	0.00, 0.05, 0.01, 0.11
HSL	310°, 18%, 87%
HSV	310°, 5%, 89%
XYZ	70.2926, 71.0967, 81.9745
YIQ	220.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

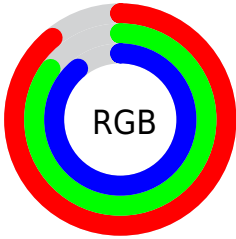
Format	Color
RYB	228, 216, 226
Decimal	14997730
CIELab	87.53, 5.90, -3.44
CIElCh	88, 6.832, 329.769
Yxy	71.0967, 0.3147, 0.3183
Android (android.graphics.Color)	4293187810 (0xFFE4D8E2)
YUV	220.7280, 2.5991, 6.3775
Hunter-Lab	84.3189, 1.2489, 1.3817

Details

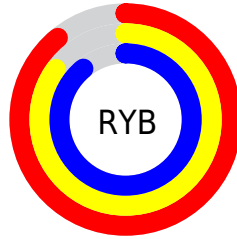
The Yxy color **71.0967, 0.3147, 0.3183** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.1802, 0.3108, 0.3399**, and the grayscale version is **72.0920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3142, 0.3153, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **60.0045, 0.3189, 0.2975**, and if you desaturate by 10%, it is **83.8216, 0.3111, 0.3383**.

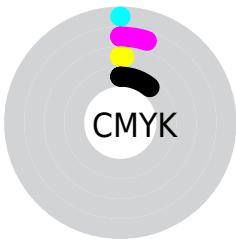
Distribution



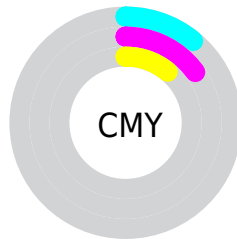
- Red (89%)
- Green (85%)
- Blue (89%)



- Red (89%)
- Yellow (85%)
- Blue (89%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0967, 0.3147, 0.3183 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 71.0967, 0.3147, 0.3183 by changing the saturation by 10% instead.

71.0967, 0.3147,
0.3183

71.0967, 0.3147,
0.3183

464.3914, 0.3138,
0.3232

52.4211, 0.3149,
0.3172

120.7714, 0.3144,
0.3200

37.3408, 0.3151,
0.3158

152.5393, 0.3143,
0.3207

25.4715, 0.3155,
0.3140

189.4401, 0.3142,
0.3213

16.4287, 0.3159,
0.3117

231.8582, 0.3141,
0.3218

9.8280, 0.3164,
0.3086

280.1780, 0.3140,
0.3222

5.2851, 0.3172,
0.3041

334.7839, 0.3139,

2.4155, 0.3183,

0.3226

0.2970

396.0602, 0.3139,
0.3229

0.8338, 0.3204,
0.2842

0.0000, 0.0000,
0.0000

71.0967, 0.3147,
0.3183

71.0967, 0.3147,
0.3183

60.0045, 0.3189,
0.2975

83.8216, 0.3111,
0.3383

50.4692, 0.3237,
0.2762

93.9502, 0.3082,
0.3506

42.4230, 0.3290,
0.2551

94.1751, 0.3060,
0.3466

35.7894, 0.3349,
0.2349

94.4049, 0.3038,
0.3426

■ 30.4851, 0.3412,
0.2168

■ 94.6395, 0.3017,
0.3386

■ 26.4178, 0.3478,
0.2016

■ 94.8792, 0.2996,
0.3347

■ 23.4838, 0.3544,
0.1903

■ 95.1238, 0.2974,
0.3308

■ 21.5622, 0.3609,
0.1834

■ 95.2437, 0.2964,
0.3290

■ 20.5046, 0.3671,
0.1811

Harmonies

Analogous

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



71.0967, 0.3064, 0.3151



71.0967, 0.3147, 0.3183



71.0967, 0.3226, 0.3242

Triad

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



71.0967, 0.3147, 0.3183



71.0967, 0.3257, 0.3426



71.0967, 0.2979, 0.3262

Complementary

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



71.0967, 0.3147, 0.3183



75.1802, 0.3108, 0.3399

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.



71.0967, 0.3029, 0.3338



71.0967, 0.3147, 0.3183



71.0967, 0.3189, 0.3433

Square

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



71.0967, 0.3147, 0.3183



71.0967, 0.3289, 0.3382



71.0967, 0.3106, 0.3401



71.0967, 0.2968, 0.3196

Rectangle

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



71.0967, 0.3147, 0.3183



71.0967, 0.3264, 0.3290



71.0967, 0.3106, 0.3401



71.0967, 0.2992, 0.3288

Sweetspot

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



71.0998, 0.3147, 0.3183



96.7334, 0.3135, 0.3250



69.6146, 0.3061, 0.3158



20.7391, 0.3134, 0.3252



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.



71.0998, 0.3147, 0.3183



90.4574, 0.3150, 0.3168



70.7762, 0.3188, 0.3247



15.2854, 0.3152, 0.3156



11.6679, 0.3690, 0.1807



0.8734, 0.3608, 0.1761

Inverse Universe

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



71.0998, 0.3147, 0.3183



90.4574, 0.3150, 0.3168



75.5000, 0.3070, 0.3334



15.2854, 0.3152, 0.3156



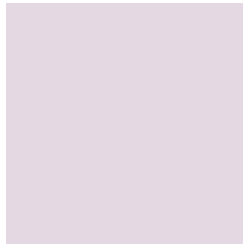
11.6679, 0.3690, 0.1807



0.8734, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 71.0967, 0.3147, 0.3183 looks on a white background.

Color Contrast Check

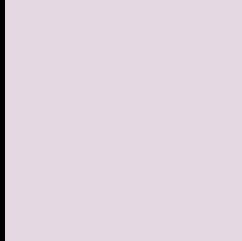
Large Text (above 18pt) WCAG AA × Fail

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 71.0967, 0.3147, 0.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

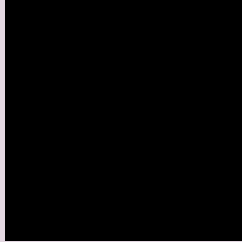
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

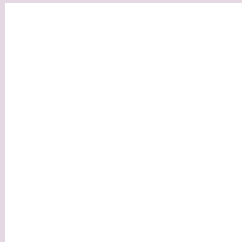
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0967, 0.3147, 0.3183

Background



This preview shows how black text looks on a background with the Yxy color 71.0967, 0.3147, 0.3183.



This preview shows how white text looks on a background with the Yxy color 71.0967, 0.3147, 0.3183.

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

71.0967, 0.3147, 0.3183

Protanopia

71.0610, 0.3089, 0.3193

Deuteranopia

71.1391, 0.3207, 0.3144



Tritanopia

71.0851, 0.3114, 0.3110

Trichromacy



Original Color

71.0967, 0.3147, 0.3183

Protanomaly

71.0191, 0.3111, 0.3182

Deuteranomaly

71.1316, 0.3185, 0.3153

Tritanomaly

70.9721, 0.3127, 0.3131

Monochromacy



Original Color

71.0967, 0.3147, 0.3183

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8380, 0.3136, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0967, 0.3147, 0.3183 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(228, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(228, 216, 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(228, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 216, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.0967, 0.3147, 0.3183 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(228, 216, 226) }
```

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

```
.border{ border-color:rgb(228, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(228, 216,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0967, 0.3147, 0.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 216, 226) }
```

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

```
.background{ background-color: rgb(228,  
216, 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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