

Converting Colors

$Y_{xy}(71.7000, 0.3117, 0.3050)$

Have a look what the booklet for
Yxy(71.7000, 0.3117, 0.3050)
contains.

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Color

Yxy(71.7000, 0.3117, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	EAD6ED
RGB	234, 214, 237
RGB Percent	92%, 84%, 93%
CMY	0.0822, 0.1608, 0.0705
CMYK	0.01, 0.10, 0.00, 0.07
HSL	292°, 39%, 88%
HSV	292°, 10%, 93%
XYZ	73.2750, 71.7000, 90.1069
YIQ	222.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

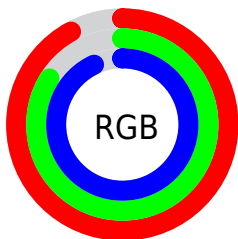
Format	Color
R_{YB}	234, 214, 237
Decimal	15390445
CIE Lab	87.82, 10.95, -8.76
CIE LCh	88, 14.026, 321.329
Yxy	71.7000, 0.3117, 0.3050
Android (android.graphics.Color)	4293580525 (0xFFEAD6ED)
YUV	222.6020, 7.0982, 9.9960
Hunter-Lab	84.6759, 6.2839, -3.8197

Details

The Yxy color `71.7000, 0.3117, 0.3050` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80.1765, 0.3135, 0.3539`, and the grayscale version is `73.4465, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `37.5974, 0.3113, 0.2993` is the 20% darker color. If you saturate the color by 10%, you get `60.0534, 0.3103, 0.2794`, and if you desaturate by 10%, it is `85.1072, 0.3127, 0.3297`.

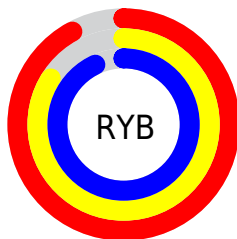
Distribution



Red (92%)

Green (84%)

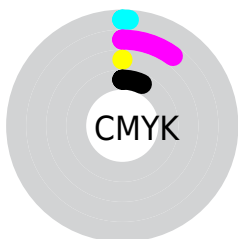
Blue (93%)



Red (92%)

Yellow (84%)

Blue (93%)

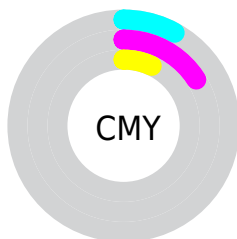


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (8%)


Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7000, 0.3117, 0.3050 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 71.7000, 0.3117, 0.3050 by changing the saturation by 10% instead.

 71.7000, 0.3117,
0.3050

 71.7000, 0.3117,
0.3050


466.4967, 0.3123,
0.3159

 52.9136, 0.3116,
0.3025

121.6299, 0.3119,
0.3088

 37.7338, 0.3114,
0.2995


153.5423, 0.3120,
0.3102

 25.7762, 0.3111,
0.2957


190.5987, 0.3121,
0.3115

 16.6563, 0.3107,
0.2908


233.1837, 0.3121,
0.3126

 9.9897, 0.3102,
0.2842

281.6816, 0.3122,
0.3136

 5.3921, 0.3093,
0.2748

336.4768, 0.3122,

 2.4791, 0.3077,

0.3145

0.2605

397.9537, 0.3122,
0.3152

0.8662, 0.3043,
0.2362

0.0000, 0.0987,
0.0000

71.7000, 0.3117,
0.3050

71.7000, 0.3117,
0.3050

60.0534, 0.3103,
0.2794

85.1072, 0.3127,
0.3297

50.0830, 0.3086,
0.2534

96.1886, 0.3138,
0.3468

41.7112, 0.3065,
0.2279

96.7292, 0.3158,
0.3467

34.8510, 0.3040,
0.2039

97.2789, 0.3177,
0.3466

■ 29.4068, 0.3012,
0.1824

■ 97.8378, 0.3196,
0.3465

■ 25.2719, 0.2981,
0.1644

■ 98.4058, 0.3216,
0.3464

■ 22.3249, 0.2948,
0.1507

■ 98.8952, 0.3232,
0.3463

■ 20.4211, 0.2915,
0.1415

■ 19.3230, 0.2881,
0.1362

Harmonies

Analogous

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



71.7000, 0.2954, 0.3004



71.7000, 0.3117, 0.3050



71.7000, 0.3286, 0.3155

Triad

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



71.7000, 0.3117, 0.3050



71.7000, 0.3420, 0.3547



71.7000, 0.2847, 0.3274

Complementary

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



71.7000, 0.3117, 0.3050



80.1765, 0.3135, 0.3539

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.



71.7000, 0.2966, 0.3430



71.7000, 0.3117, 0.3050



71.7000, 0.3297, 0.3590

Square

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



71.7000, 0.3117, 0.3050



71.7000, 0.3464, 0.3438



71.7000, 0.3130, 0.3547



71.7000, 0.2802, 0.3128

Rectangle

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



71.7000, 0.3117, 0.3050



71.7000, 0.3379, 0.3247



71.7000, 0.3130, 0.3547



71.7000, 0.2880, 0.3327

Sweetspot

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



71.7031, 0.3117, 0.3050



95.0289, 0.3124, 0.3217



70.0670, 0.2976, 0.3073



20.0627, 0.3124, 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.



71.7031, 0.3117, 0.3050



81.2649, 0.3114, 0.2991



71.7286, 0.3196, 0.3138



15.2094, 0.3117, 0.3056



10.5742, 0.2886, 0.1363



0.8578, 0.2933, 0.1390

Inverse Universe

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



71.1033, 0.3277, 0.3259



80.4075, 0.3318, 0.3251



80.1677, 0.3064, 0.3447



15.0857, 0.3273, 0.3260



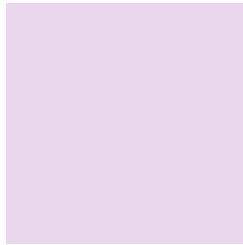
9.8932, 0.6233, 0.3207



0.7870, 0.5923, 0.3037

Previews

White Background



This preview shows how the Yxy color 71.7000, 0.3117, 0.3050 looks on a white background.

Color Contrast Check

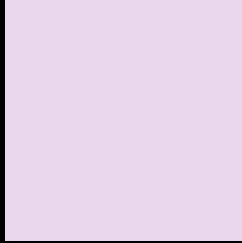
Large Text (above 18pt) WCAG AA × Fail

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 71.7000, 0.3117, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

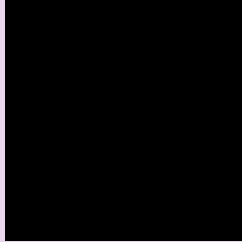
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

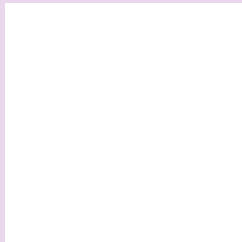
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7000, 0.3117, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 71.7000, 0.3117, 0.3050.



This preview shows how white text looks on a background with the Yxy color 71.7000, 0.3117, 0.3050.

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

71.7000, 0.3117, 0.3050

Protanopia

71.8597, 0.2985, 0.3065

Deuteranopia

71.7000, 0.3117, 0.3050



Tritanopia

71.7507, 0.3143, 0.3112

Trichromacy



Original Color

71.7000, 0.3117, 0.3050

Protanomaly

71.7050, 0.3032, 0.3057

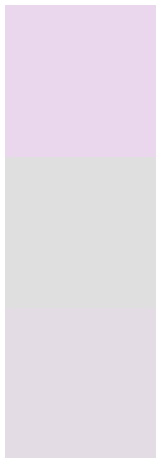
Deuteranomaly

71.7000, 0.3117, 0.3050

Tritanomaly

71.8650, 0.3129, 0.3091

Monochromacy



Original Color

71.7000, 0.3117, 0.3050

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1187, 0.3124, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7000, 0.3117, 0.3050 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, 214, 237)` looks like.

```
.text, #text, p{  
    color:rgb(234, 214, 237)  
}
```

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, 214, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 214, 237) }
```

Border

The CSS property to change the border of an element to Yxy 71.7000, 0.3117, 0.3050 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, 214, 237) }
```

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

```
.border{ border-color:rgb(234, 214, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 214, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 214, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 214, 237);  
box-shadow:4px 4px 4px 4px rgb(234, 214,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7000, 0.3117, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 214, 237) }
```

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

```
.background{ background-color: rgb(234,  
214, 237) }
```

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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