

Converting Colors

$Yxy(71.0791, 0.3131, 0.3060)$

Have a look what the booklet for
Yxy(71.0791, 0.3131, 0.3060)
contains.

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Color

Yxy(71.0791, 0.3131, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	EAD5EB
RGB	234, 213, 235
RGB Percent	92%, 84%, 92%
CMY	0.0822, 0.1647, 0.0785
CMYK	0.00, 0.09, 0.00, 0.08
HSL	297°, 35%, 88%
HSV	297°, 9%, 92%
XYZ	72.7283, 71.0791, 88.4772
YIQ	221.7870, 5.4540, 11.2940

Conversions

Conversions Part 2

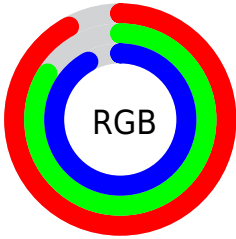
Format	Color
R_{YB}	234, 213, 235
Decimal	15390187
CIE _{Lab}	87.52, 11.10, -8.14
CIE _{LCh}	88, 13.770, 323.742
Yxy	71.0791, 0.3131, 0.3060
Android (android.graphics.Color)	4293580267 (0xFFEAD5EB)
YUV	221.7870, 6.5140, 10.7108
Hunter-Lab	84.3084, 6.4426, -3.2058

Details

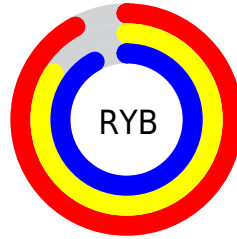
The Yxy color **71.0791, 0.3131, 0.3060** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5056, 0.3122, 0.3530**, and the grayscale version is **72.8433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1734, 0.3131, 0.3006** is the 20% darker color. If you saturate the color by 10%, you get **59.9321, 0.3134, 0.2807**, and if you desaturate by 10%, it is **83.9460, 0.3127, 0.3305**.

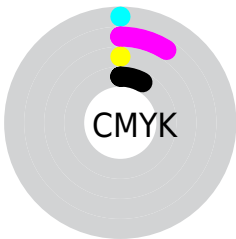
Distribution



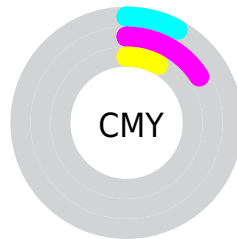
- Red (92%)
- Green (84%)
- Blue (92%)



- Red (92%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0791, 0.3131, 0.3060 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 71.0791, 0.3131, 0.3060 by changing the saturation by 10% instead.

 71.0791, 0.3131,
0.3060

 71.0791, 0.3131,
0.3060


464.3299, 0.3130,
0.3165

 52.4068, 0.3131,
0.3036


120.7463, 0.3131,
0.3096

 37.3294, 0.3131,
0.3007


152.5100, 0.3131,
0.3110

 25.4626, 0.3131,
0.2971


189.4063, 0.3131,
0.3123

 16.4221, 0.3130,
0.2923

231.8195, 0.3130,
0.3133

 9.8233, 0.3129,
0.2859

280.1341, 0.3130,
0.3143

 5.2820, 0.3126,
0.2768

334.7344, 0.3130,

 2.4136, 0.3120,

0.3151

0.2629

396.0049, 0.3130,
0.3158

0.8329, 0.3104,
0.2388

0.0000, 0.0372,
0.0000

71.0791, 0.3131,
0.3060

71.0791, 0.3131,
0.3060

59.9321, 0.3134,
0.2807

83.9460, 0.3127,
0.3305

50.4225, 0.3136,
0.2554

95.3647, 0.3125,
0.3490

42.4748, 0.3137,
0.2310

95.5406, 0.3131,
0.3490

36.0038, 0.3135,
0.2082

95.7175, 0.3137,
0.3489

30.9163, 0.3132,
0.1883

95.8953, 0.3144,
0.3489

27.1085, 0.3126,
0.1720

96.0742, 0.3150,
0.3489

24.4620, 0.3119,
0.1599

96.2541, 0.3157,
0.3488

22.8363, 0.3110,
0.1522

96.4351, 0.3163,
0.3488

22.0087, 0.3099,
0.1483

96.6170, 0.3169,
0.3488

Harmonies

Analogous

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



71.0791, 0.2969, 0.3010



71.0791, 0.3131, 0.3060



71.0791, 0.3296, 0.3167

Triad

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



71.0791, 0.3131, 0.3060



71.0791, 0.3408, 0.3550



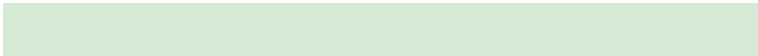
71.0791, 0.2845, 0.3262

Complementary

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



71.0791, 0.3131, 0.3060



78.5056, 0.3122, 0.3530

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.



71.0791, 0.2957, 0.3416



71.0791, 0.3131, 0.3060



71.0791, 0.3282, 0.3585

Square

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



71.0791, 0.3131, 0.3060



71.0791, 0.3458, 0.3447



71.0791, 0.3116, 0.3536



71.0791, 0.2807, 0.3121

Rectangle

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



71.0791, 0.3131, 0.3060



71.0791, 0.3384, 0.3259



71.0791, 0.3116, 0.3536



71.0791, 0.2875, 0.3314

Sweetspot

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



71.0822, 0.3131, 0.3060



95.1526, 0.3128, 0.3217



68.2846, 0.2982, 0.3061



20.0963, 0.3129, 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.



71.0822, 0.3131, 0.3060



83.1597, 0.3132, 0.3018



70.6885, 0.3206, 0.3163



15.2784, 0.3131, 0.3057



12.2408, 0.3101, 0.1482



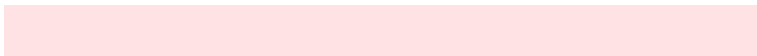
0.9716, 0.3117, 0.1491

Inverse Universe

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



70.0998, 0.3284, 0.3280



81.7818, 0.3316, 0.3278



78.8800, 0.3055, 0.3421



15.0647, 0.3286, 0.3280



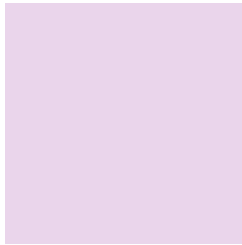
9.8471, 0.6354, 0.3274



0.7770, 0.6228, 0.3205

Previews

White Background



This preview shows how the Yxy color 71.0791, 0.3131, 0.3060 looks on a white background.

Color Contrast Check

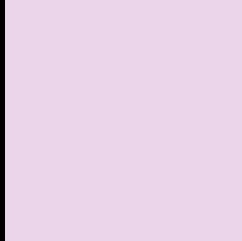
Large Text (above 18pt) WCAG AA × Fail

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 71.0791, 0.3131, 0.3060 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

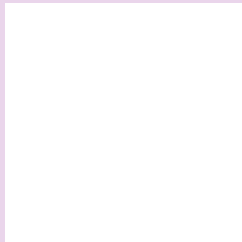
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0791, 0.3131, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 71.0791, 0.3131, 0.3060.



This preview shows how white text looks on a background with the Yxy color 71.0791, 0.3131, 0.3060.

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

71.0791, 0.3131, 0.3060

Protanopia

71.2213, 0.2997, 0.3075

Deuteranopia

71.0791, 0.3131, 0.3060



Tritanopia

71.1863, 0.3150, 0.3111

Trichromacy



Original Color

71.0791, 0.3131, 0.3060

Protanomaly

71.0735, 0.3045, 0.3066

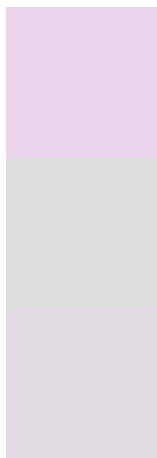
Deuteranomaly

71.0791, 0.3131, 0.3060

Tritanomaly

71.2430, 0.3143, 0.3101

Monochromacy



Original Color

71.0791, 0.3131, 0.3060

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 71.0791, 0.3131, 0.3060 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, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(234, 213, 235)  
}
```

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, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 213, 235) }
```

Border

The CSS property to change the border of an element to Yxy 71.0791, 0.3131, 0.3060 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, 213, 235) }
```

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

```
.border{ border-color:rgb(234, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(234, 213,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0791, 0.3131, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 213, 235) }
```

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

```
.background{ background-color: rgb(234,  
213, 235) }
```

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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