

Converting Colors

$Yxy(71.3878, 0.3149, 0.3117)$

Have a look what the booklet for
Yxy(71.3878, 0.3149, 0.3117)
contains.

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Color

Yxy(71.1863, 0.3150, 0.3111)

Conversions

Conversions Part 1

Format	Color
Hex	E9D6E7
RGB	233, 214, 231
RGB Percent	91%, 84%, 91%
CMY	0.0862, 0.1608, 0.0940
CMYK	0.00, 0.08, 0.01, 0.09
HSL	306°, 30%, 88%
HSV	306°, 8%, 91%
XYZ	72.0787, 71.1863, 85.5563
YIQ	221.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

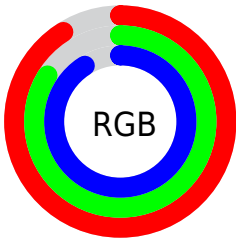
Format	Color
R _Y B	233, 214, 231
Decimal	15324903
CIE Lab	87.58, 9.51, -5.98
CIE LCh	88, 11.235, 327.859
Yxy	71.1863, 0.3150, 0.3111
Android (android.graphics.Color)	4293514983 (0xFFE9D6E7)
YUV	221.6190, 4.6248, 9.9811
Hunter-Lab	84.3720, 4.8410, -1.0619

Details

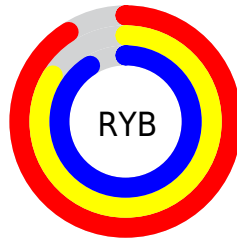
The Yxy color **71.1863, 0.3150, 0.3111** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.5369, 0.3105, 0.3476**, and the grayscale version is **72.7311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2385, 0.3156, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **60.0898, 0.3181, 0.2885**, and if you desaturate by 10%, it is **83.9779, 0.3122, 0.3329**.

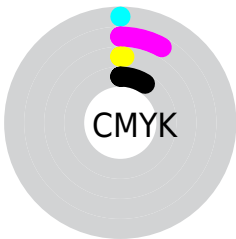
Distribution



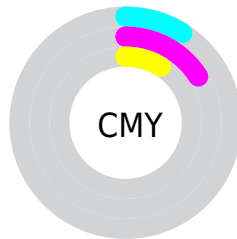
- Red (91%)
- Green (84%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (9%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.1863, 0.3150, 0.3111 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 71.1863, 0.3150, 0.3111 by changing the saturation by 10% instead.

 71.1863, 0.3150,
0.3111

 71.1863, 0.3150,
0.3111


464.7044, 0.3140,
0.3193

 52.4942, 0.3152,
0.3092


120.8990, 0.3147,
0.3139

 37.3992, 0.3155,
0.3070


152.6883, 0.3145,
0.3150

 25.5167, 0.3158,
0.3041


189.6123, 0.3144,
0.3160

 16.4624, 0.3162,
0.3003

232.0552, 0.3143,
0.3168

 9.8520, 0.3168,
0.2952

280.4015, 0.3142,
0.3176

 5.3009, 0.3175,
0.2880

335.0355, 0.3141,

 2.4249, 0.3185,

0.3182

0.2768

396.3417, 0.3141,
0.3188

0.8386, 0.3200,
0.2571

0.0000, 0.0000,
0.0000

71.1863, 0.3150,
0.3111

71.1863, 0.3150,
0.3111

60.0898, 0.3181,
0.2885

83.9779, 0.3122,
0.3329

50.6078, 0.3216,
0.2657

94.8955, 0.3100,
0.3482

42.6671, 0.3254,
0.2435

95.0382, 0.3086,
0.3457

36.1852, 0.3294,
0.2228

95.1828, 0.3073,
0.3432

31.0718, 0.3335,
0.2044

95.3294, 0.3059,
0.3408

27.2267, 0.3377,
0.1895

95.4779, 0.3045,
0.3383

24.5359, 0.3417,
0.1787

95.6284, 0.3032,
0.3358

22.8652, 0.3455,
0.1724

95.7809, 0.3018,
0.3334

22.0252, 0.3490,
0.1702

95.9353, 0.3005,
0.3310

Harmonies

Analogous

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



71.1863, 0.3015, 0.3063



71.1863, 0.3150, 0.3111



71.1863, 0.3281, 0.3205

Triad

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



71.1863, 0.3150, 0.3111



71.1863, 0.3345, 0.3510



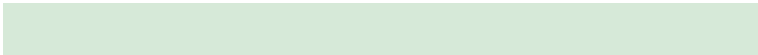
71.1863, 0.2888, 0.3251

Complementary

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



71.1863, 0.3150, 0.3111



77.5369, 0.3105, 0.3476

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.



71.1863, 0.2973, 0.3376



71.1863, 0.3150, 0.3111



71.1863, 0.3236, 0.3528

Square

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



71.1863, 0.3150, 0.3111



71.1863, 0.3396, 0.3433



71.1863, 0.3100, 0.3479



71.1863, 0.2866, 0.3140

Rectangle

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



71.1863, 0.3150, 0.3111



71.1863, 0.3348, 0.3281



71.1863, 0.3100, 0.3479



71.1863, 0.2910, 0.3293

Sweetspot

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



71.1894, 0.3150, 0.3111



96.7547, 0.3133, 0.3247



68.5612, 0.3015, 0.3083



20.7435, 0.3132, 0.3249



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.



71.1894, 0.3150, 0.3111



84.6250, 0.3156, 0.3069



70.6715, 0.3215, 0.3209



15.2850, 0.3154, 0.3082



12.4419, 0.3491, 0.1697



0.9848, 0.3447, 0.1673

Inverse Universe

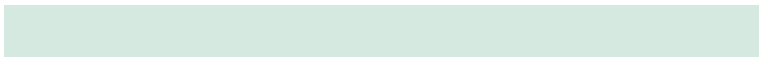
The Inverse Universe completely reimagines the original color for something new.



71.1894, 0.3150, 0.3111



84.6250, 0.3156, 0.3069



78.0380, 0.3047, 0.3372



15.2850, 0.3154, 0.3082



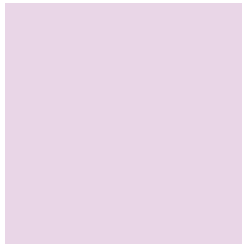
12.4419, 0.3491, 0.1697



0.9848, 0.3447, 0.1673

Previews

White Background



This preview shows how the Yxy color 71.1863, 0.3150, 0.3111 looks on a white background.

Color Contrast Check

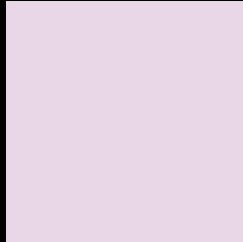
Large Text (above 18pt) WCAG AA × Fail

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 71.1863, 0.3150, 0.3111 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

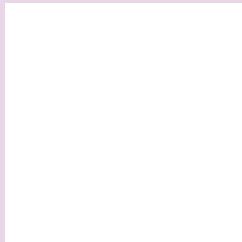
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1863, 0.3150, 0.3111

Background



This preview shows how black text looks on a background with the Yxy color 71.1863, 0.3150, 0.3111.



This preview shows how white text looks on a background with the Yxy color 71.1863, 0.3150, 0.3111.

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

71.1863, 0.3150, 0.3111

Protanopia

71.1434, 0.3030, 0.3117

Deuteranopia

71.1909, 0.3172, 0.3102



Tritanopia

71.1863, 0.3150, 0.3111

Trichromacy



Original Color

71.1863, 0.3150, 0.3111

Protanomaly

71.3562, 0.3071, 0.3119

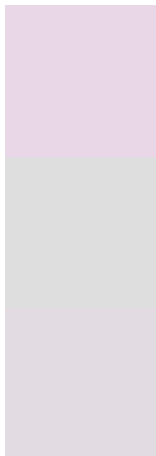
Deuteranomaly

71.0202, 0.3165, 0.3101

Tritanomaly

71.1863, 0.3150, 0.3111

Monochromacy



Original Color

71.1863, 0.3150, 0.3111

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2680, 0.3137, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1863, 0.3150, 0.3111 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(233, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(233, 214, 231)  
}
```

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(233, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 214, 231) }
```

Border

The CSS property to change the border of an element to Yxy 71.1863, 0.3150, 0.3111 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(233, 214, 231) }
```

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

```
.border{ border-color:rgb(233, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(233, 214,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1863, 0.3150, 0.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 214, 231) }
```

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

```
.background{ background-color: rgb(233,  
214, 231) }
```

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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