

Converting Colors

$Yxy(70.9843, 0.3176, 0.3178)$

Have a look what the booklet for
Yxy(70.9843, 0.3176, 0.3178)
contains.

Yxy(71.0260, 0.3176, 0.3184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0260, 0.3176, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	E7D7E1
RGB	231, 215, 225
RGB Percent	91%, 84%, 88%
CMY	0.0941, 0.1569, 0.1177
CMYK	0.00, 0.07, 0.03, 0.09
HSL	323°, 25%, 87%
HSV	323°, 7%, 91%
XYZ	70.8475, 71.0260, 81.1981
YIQ	220.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

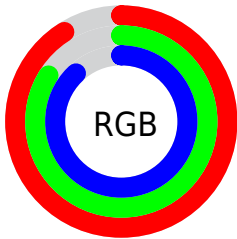
Format	Color
R _Y B	231, 215, 225
Decimal	15194081
CIE Lab	87.50, 7.24, -2.92
CIE LCh	87, 7.806, 338.010
Yxy	71.0260, 0.3176, 0.3184
Android (android.graphics.Color)	4293384161 (0xFFE7D7E1)
YUV	220.9240, 2.0095, 8.8367
Hunter-Lab	84.2769, 2.5717, 1.8699

Details

The Yxy color **71.0260, 0.3176, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8299, 0.3081, 0.3398**, and the grayscale version is **72.2350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1579, 0.3181, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **59.6200, 0.3258, 0.3025**, and if you desaturate by 10%, it is **84.1235, 0.3107, 0.3336**.

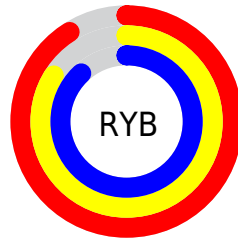
Distribution



Red (91%)

Green (84%)

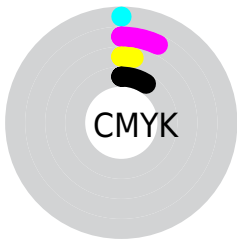
Blue (88%)



Red (91%)

Yellow (84%)

Blue (88%)

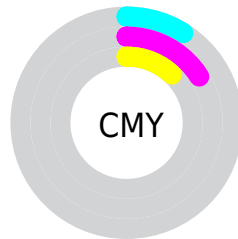


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0260, 0.3176, 0.3184 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 71.0260, 0.3176, 0.3184 by changing the saturation by 10% instead.

71.0260, 0.3176,
0.3184

71.0260, 0.3176,
0.3184

464.1443, 0.3154,
0.3233

52.3634, 0.3181,
0.3173

120.6707, 0.3168,
0.3201

37.2948, 0.3187,
0.3159

152.4217, 0.3165,
0.3208

25.4358, 0.3195,
0.3142

189.3042, 0.3163,
0.3213

16.4021, 0.3206,
0.3119

231.7027, 0.3160,
0.3218

9.8091, 0.3220,
0.3088

280.0016, 0.3158,
0.3223

5.2726, 0.3241,
0.3043

334.5852, 0.3157,

2.4081, 0.3273,

0.3226

0.2973

395.8380, 0.3155,
0.3230

0.8300, 0.3331,
0.2845

0.0000, 0.0000,
0.0000

71.0260, 0.3176,
0.3184

71.0260, 0.3176,
0.3184

59.6200, 0.3258,
0.3025

84.1235, 0.3107,
0.3336

49.8266, 0.3355,
0.2860

94.9453, 0.3051,
0.3416

41.5746, 0.3468,
0.2696

95.4816, 0.3003,
0.3329

34.7835, 0.3598,
0.2538

95.7314, 0.2982,
0.3290

■ 29.3656, 0.3745,
0.2398

■ 25.2238, 0.3905,
0.2286

■ 22.2480, 0.4075,
0.2214

■ 20.3095, 0.4247,
0.2190

■ 19.2423, 0.4415,
0.2219

Harmonies

Analogous

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



71.0260, 0.3080, 0.3138



71.0260, 0.3176, 0.3184



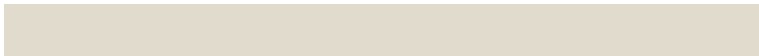
71.0260, 0.3260, 0.3258

Triad

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



71.0260, 0.3176, 0.3184



71.0260, 0.3257, 0.3452



71.0260, 0.2950, 0.3235

Complementary

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



71.0260, 0.3176, 0.3184



76.8299, 0.3081, 0.3398

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.



71.0260, 0.2996, 0.3321



71.0260, 0.3176, 0.3184



71.0260, 0.3173, 0.3448

Square

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



71.0260, 0.3176, 0.3184



71.0260, 0.3307, 0.3412



71.0260, 0.3077, 0.3400



71.0260, 0.2950, 0.3166

Rectangle

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



71.0260, 0.3176, 0.3184



71.0260, 0.3297, 0.3313



71.0260, 0.3077, 0.3400



71.0260, 0.2960, 0.3263

Sweetspot

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



71.0291, 0.3176, 0.3184



96.6660, 0.3141, 0.3260



69.7249, 0.3063, 0.3117



20.7254, 0.3140, 0.3261



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.



71.0291, 0.3176, 0.3184



87.1829, 0.3184, 0.3167



70.6105, 0.3230, 0.3267



14.5184, 0.3195, 0.3144



10.6782, 0.4441, 0.2220



0.8070, 0.4213, 0.2095

Inverse Universe

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



71.0291, 0.3176, 0.3184



87.1829, 0.3184, 0.3167



77.2581, 0.3033, 0.3313



14.5184, 0.3195, 0.3144



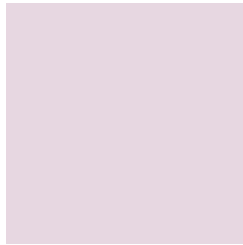
10.6782, 0.4441, 0.2220



0.8070, 0.4213, 0.2095

Previews

White Background



This preview shows how the Yxy color 71.0260, 0.3176, 0.3184 looks on a white background.

Color Contrast Check

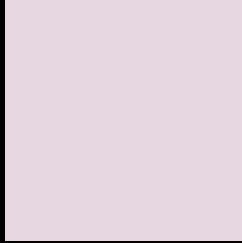
Large Text (above 18pt) WCAG AA × Fail

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 71.0260, 0.3176, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

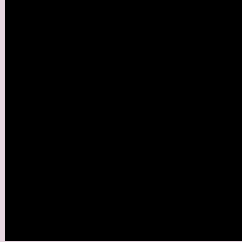
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

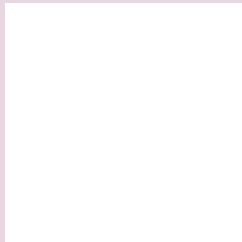
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0260, 0.3176, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 71.0260, 0.3176, 0.3184.

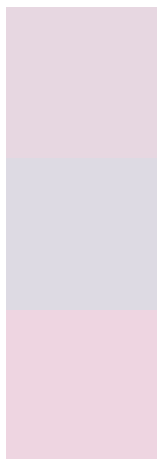


This preview shows how white text looks on a background with the Yxy color 71.0260, 0.3176, 0.3184.

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

71.0260, 0.3176, 0.3184

Protanopia

71.0610, 0.3089, 0.3193

Deuteranopia

71.2019, 0.3229, 0.3165



Tritanopia

71.0185, 0.3143, 0.3111

Trichromacy



Original Color

71.0260, 0.3176, 0.3184

Protanomaly

71.1242, 0.3125, 0.3193

Deuteranomaly

71.1915, 0.3206, 0.3174

Tritanomaly

70.9061, 0.3156, 0.3132

Monochromacy



Original Color

71.0260, 0.3176, 0.3184

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9445, 0.3150, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0260, 0.3176, 0.3184 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(231, 215, 225)` looks like.

```
.text, #text, p{  
    color:rgb(231, 215, 225)  
}
```

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(231, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 215, 225) }
```

Border

The CSS property to change the border of an element to Yxy 71.0260, 0.3176, 0.3184 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(231, 215, 225) }
```

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

```
.border{ border-color:rgb(231, 215, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 215, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(231, 215,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0260, 0.3176, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 215, 225) }
```

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

```
.background{ background-color: rgb(231,  
215, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor