

Converting Colors

Yxy(69.9051, 0.3191, 0.3184)

Have a look what the booklet for
Yxy(69.9051, 0.3191, 0.3184)
contains.

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Color

Yxy(69.9051, 0.3191, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	E7D5DF
RGB	231, 213, 223
RGB Percent	91%, 84%, 87%
CMY	0.0942, 0.1646, 0.1256
CMYK	0.00, 0.08, 0.03, 0.09
HSL	327°, 27%, 87%
HSV	327°, 8%, 91%
XYZ	70.0588, 69.9051, 79.5873
YIQ	219.5220, 7.5180, 6.9260

Conversions

Conversions Part 2

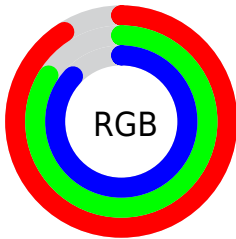
Format	Color
R _Y B	231, 213, 223
Decimal	15193567
CIE Lab	86.95, 7.91, -2.66
CIE LCh	87, 8.344, 341.414
Yxy	69.9051, 0.3191, 0.3184
Android (android.graphics.Color)	4293383647 (0xFFE7D5DF)
YUV	219.5220, 1.7147, 10.0662
Hunter-Lab	83.6093, 3.2544, 2.0886

Details

The Yxy color **69.9051, 0.3191, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5096, 0.3068, 0.3398**, and the grayscale version is **71.2025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3948, 0.3201, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **58.5642, 0.3288, 0.3041**, and if you desaturate by 10%, it is **82.9408, 0.3111, 0.3319**.

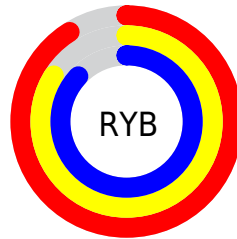
Distribution



Red (91%)

Green (84%)

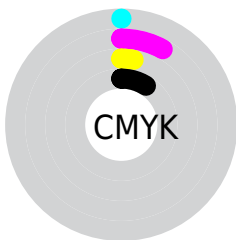
Blue (87%)



Red (91%)

Yellow (84%)

Blue (87%)

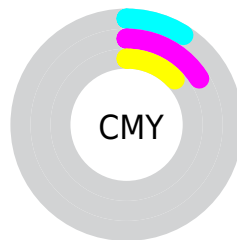


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (9%)



Cyan (9%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9051, 0.3191, 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 69.9051, 0.3191, 0.3184 by changing the saturation by 10% instead.

69.9051, 0.3191,
0.3184

69.9051, 0.3191,
0.3184

460.2167, 0.3161,
0.3233

51.4492, 0.3198,
0.3173

119.0734, 0.3181,
0.3201

36.5662, 0.3206,
0.3159

150.5546, 0.3177,
0.3208

24.8718, 0.3217,
0.3141

187.1463, 0.3173,
0.3213

15.9816, 0.3231,
0.3118

229.2329, 0.3170,
0.3218

9.5111, 0.3250,
0.3087

277.1989, 0.3168,
0.3223

5.0760, 0.3277,
0.3041

331.4286, 0.3165,

2.2919, 0.3321,

0.3227

0.2970

392.3064, 0.3163,
0.3230

0.7694, 0.3407,
0.2827

0.0000, 0.0000,
0.0000

69.9051, 0.3191,
0.3184

69.9051, 0.3191,
0.3184

58.5642, 0.3288,
0.3041

82.9408, 0.3111,
0.3319

48.8386, 0.3403,
0.2894

95.0107, 0.3045,
0.3404

40.6564, 0.3539,
0.2746

95.6528, 0.2988,
0.3301

33.9364, 0.3698,
0.2606

95.7251, 0.2981,
0.3290

■ 28.5900, 0.3878,
0.2482

■ 24.5188, 0.4077,
0.2387

■ 21.6113, 0.4288,
0.2333

■ 19.7363, 0.4503,
0.2330

■ 18.7147, 0.4712,
0.2380

Harmonies

Analogous

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



69.9051, 0.3088, 0.3130



69.9051, 0.3191, 0.3184



69.9051, 0.3278, 0.3265

Triad

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



69.9051, 0.3191, 0.3184



69.9051, 0.3258, 0.3466



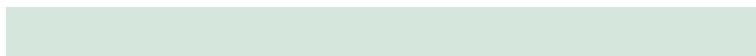
69.9051, 0.2934, 0.3221

Complementary

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



69.9051, 0.3191, 0.3184



76.5096, 0.3068, 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.



69.9051, 0.2978, 0.3313



69.9051, 0.3191, 0.3184



69.9051, 0.3164, 0.3456

Square

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



69.9051, 0.3191, 0.3184



69.9051, 0.3317, 0.3428



69.9051, 0.3062, 0.3400



69.9051, 0.2941, 0.3150

Rectangle

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



69.9051, 0.3191, 0.3184



69.9051, 0.3315, 0.3325



69.9051, 0.3062, 0.3400



69.9051, 0.2943, 0.3251

Sweetspot

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



69.9081, 0.3191, 0.3184



96.6434, 0.3143, 0.3263



68.7062, 0.3063, 0.3096



20.7208, 0.3142, 0.3264



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.



69.9081, 0.3191, 0.3184



85.5795, 0.3202, 0.3166



69.4483, 0.3252, 0.3277



14.5010, 0.3206, 0.3161



10.4227, 0.4727, 0.2378



0.7889, 0.4444, 0.2222

Inverse Universe

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



69.9081, 0.3191, 0.3184



85.5795, 0.3202, 0.3166



76.9884, 0.3014, 0.3303



14.5010, 0.3206, 0.3161



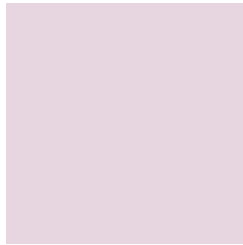
10.4227, 0.4727, 0.2378



0.7889, 0.4444, 0.2222

Previews

White Background



This preview shows how the Yxy color 69.9051, 0.3191, 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 69.9051, 0.3191, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

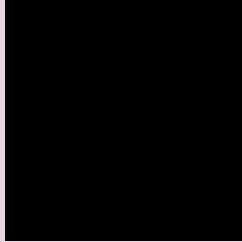
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

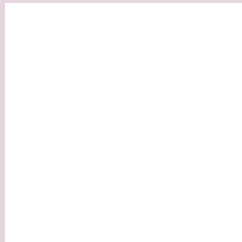
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9051, 0.3191, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 69.9051, 0.3191, 0.3184.

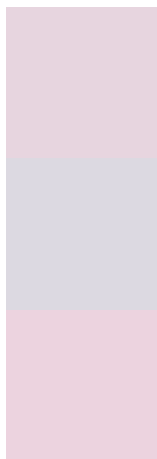


This preview shows how white text looks on a background with the Yxy color 69.9051, 0.3191, 0.3184.

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

69.9051, 0.3191, 0.3184

Protanopia

70.2776, 0.3095, 0.3203

Deuteranopia

69.7491, 0.3230, 0.3164



Tritanopia

69.8999, 0.3158, 0.3110

Trichromacy



Original Color

69.9051, 0.3191, 0.3184

Protanomaly

70.3408, 0.3131, 0.3204

Deuteranomaly

69.9071, 0.3214, 0.3174

Tritanomaly

69.7888, 0.3171, 0.3131

Monochromacy



Original Color

69.9051, 0.3191, 0.3184

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6935, 0.3151, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9051, 0.3191, 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, 213, 223)` looks like.

```
.text, #text, p{  
    color:rgb(231, 213, 223)  
}
```

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, 213, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 213, 223) }
```

Border

The CSS property to change the border of an element to Yxy 69.9051, 0.3191, 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, 213, 223) }
```

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

```
.border{ border-color:rgb(231, 213, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 213, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 213, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 213, 223);  
box-shadow:4px 4px 4px 4px rgb(231, 213,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9051, 0.3191, 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, 213, 223) }
```

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

```
.background{ background-color: rgb(231,  
213, 223) }
```

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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