

Converting Colors

Yxy(70.9714, 0.3117, 0.3049)

Have a look what the booklet for
Yxy(70.9714, 0.3117, 0.3049)
contains.

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Color

Yxy(70.9683, 0.3117, 0.3049)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E9D5EC |
| RGB | 233, 213, 236 |
| RGB Percent | 91%, 84%, 93% |
| CMY | 0.0861, 0.1647, 0.0745 |
| CMYK | 0.01, 0.10, 0.00, 0.07 |
| HSL | 292°, 38%, 88% |
| HSV | 292°, 10%, 93% |
| XYZ | 72.5511, 70.9683, 89.2399 |
| YIQ | 221.6020, 4.5370, 11.3930 |

Conversions

Conversions Part 2

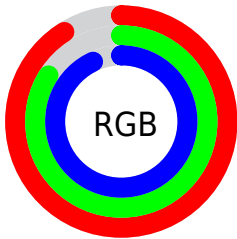
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 233, 213, 236 |
| Decimal | 15324652 |
| CIE Lab | 87.47, 10.96, -8.77 |
| CIE LCh | 87, 14.041, 321.339 |
| Yxy | 70.9683, 0.3117, 0.3049 |
| Android (android.graphics.Color) | 4293514732 (0xFFE9D5EC) |
| YUV | 221.6020, 7.0982, 9.9960 |
| Hunter-Lab | 84.2427, 6.3022, -3.8372 |

Details

The Yxy color `70.9683, 0.3117, 0.3049` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79.3939, 0.3135, 0.3540`, and the grayscale version is `72.7041, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `37.0961, 0.3113, 0.2992` is the 20% darker color. If you saturate the color by 10%, you get `59.4431, 0.3103, 0.2793`, and if you desaturate by 10%, it is `84.2361, 0.3127, 0.3296`.

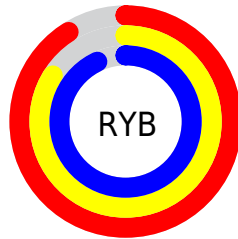
Distribution



Red (91%)

Green (84%)

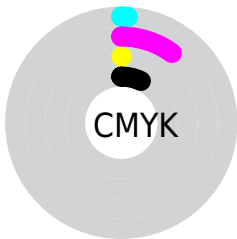
Blue (93%)



Red (91%)

Yellow (84%)

Blue (93%)

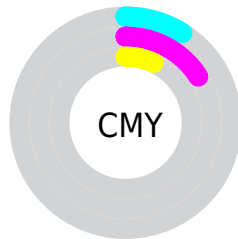


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9683, 0.3117, 0.3049 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 70.9683, 0.3117, 0.3049 by changing the saturation by 10% instead.

 70.9683, 0.3117,
0.3049

 70.9683, 0.3117,
0.3049


463.9426, 0.3123,
0.3159

 52.3163, 0.3116,
0.3024


120.5886, 0.3119,
0.3087

 37.2573, 0.3114,
0.2994


152.3257, 0.3120,
0.3102

 25.4068, 0.3111,
0.2955


189.1933, 0.3121,
0.3115

 16.3804, 0.3107,
0.2906

231.5758, 0.3121,
0.3126

 9.7937, 0.3102,
0.2839

279.8576, 0.3122,
0.3136

 5.2624, 0.3093,
0.2744

334.4230, 0.3122,

 2.4020, 0.3077,

0.3144

0.2598

395.6566, 0.3122,
0.3152

0.8269, 0.3042,
0.2347

0.0000, 0.0045,
0.0000

70.9683, 0.3117,
0.3049

70.9683, 0.3117,
0.3049

59.4431, 0.3103,
0.2793

84.2361, 0.3127,
0.3296

49.5770, 0.3086,
0.2533

95.9498, 0.3138,
0.3479

41.2933, 0.3065,
0.2278

96.4839, 0.3157,
0.3478

34.5057, 0.3040,
0.2038

97.0270, 0.3176,
0.3477

■ 29.1195, 0.3012,
0.1824

■ 97.5790, 0.3195,
0.3476

■ 25.0293, 0.2982,
0.1644

■ 98.1400, 0.3214,
0.3475

■ 22.1146, 0.2949,
0.1507

■ 98.7102, 0.3234,
0.3473

■ 20.2323, 0.2915,
0.1415

■ 98.8369, 0.3238,
0.3473

■ 19.1456, 0.2882,
0.1362

Harmonies

Analogous

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



70.9683, 0.2954, 0.3003



70.9683, 0.3117, 0.3049



70.9683, 0.3287, 0.3155

Triad

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



70.9683, 0.3117, 0.3049



70.9683, 0.3421, 0.3549



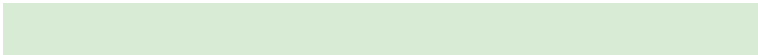
70.9683, 0.2846, 0.3274

Complementary

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



70.9683, 0.3117, 0.3049



79.3939, 0.3135, 0.3540

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.



70.9683, 0.2966, 0.3430



70.9683, 0.3117, 0.3049



70.9683, 0.3297, 0.3591

Square

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



70.9683, 0.3117, 0.3049



70.9683, 0.3465, 0.3439



70.9683, 0.3130, 0.3549



70.9683, 0.2800, 0.3127

Rectangle

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



70.9683, 0.3117, 0.3049



70.9683, 0.3380, 0.3246



70.9683, 0.3130, 0.3549



70.9683, 0.2879, 0.3327

Sweetspot

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



70.9714, 0.3117, 0.3049



95.0294, 0.3124, 0.3217



69.3433, 0.2975, 0.3072



20.0629, 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.



70.9714, 0.3117, 0.3049



81.2665, 0.3114, 0.2991



70.9957, 0.3196, 0.3137



15.2096, 0.3117, 0.3056



10.5795, 0.2886, 0.1364



0.8582, 0.2934, 0.1390

Inverse Universe

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



70.3736, 0.3278, 0.3259



80.4070, 0.3318, 0.3251



79.3862, 0.3064, 0.3448



15.0856, 0.3273, 0.3260



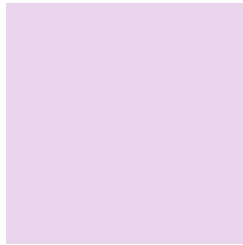
9.8930, 0.6233, 0.3208



0.7870, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 70.9683, 0.3117, 0.3049 looks on a white background.

Color Contrast Check

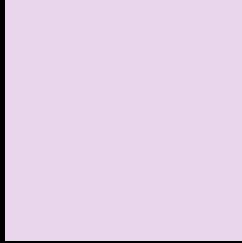
Large Text (above 18pt) WCAG AA × Fail

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 70.9683, 0.3117, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

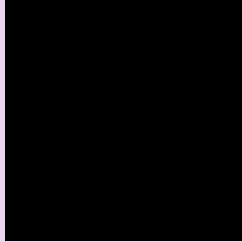
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

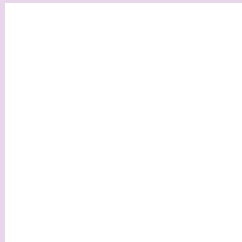
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.9683, 0.3117, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 70.9683, 0.3117, 0.3049.



This preview shows how white text looks on a background with the Yxy color 70.9683, 0.3117, 0.3049.

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

70.9683, 0.3117, 0.3049

Protanopia

71.1265, 0.2984, 0.3064

Deuteranopia

70.9683, 0.3117, 0.3049



Tritanopia

71.0185, 0.3143, 0.3111

Trichromacy



Original Color

70.9683, 0.3117, 0.3049

Protanomaly

70.9728, 0.3032, 0.3056

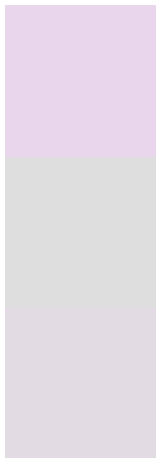
Deuteranomaly

70.9683, 0.3117, 0.3049

Tritanomaly

71.1321, 0.3129, 0.3090

Monochromacy



Original Color

70.9683, 0.3117, 0.3049

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 70.9683, 0.3117, 0.3049 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, 213, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 213, 236)  
}
```

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, 213, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 213, 236) }
```

Border

The CSS property to change the border of an element to Yxy 70.9683, 0.3117, 0.3049 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, 213, 236) }
```

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

```
.border{ border-color:rgb(233, 213, 236) }
```

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

Here you see how a box with a 4 pixel rgb(233, 213, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 213, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 213, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 213,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9683, 0.3117, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 213, 236) }
```

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

```
.background{ background-color: rgb(233,  
213, 236) }
```

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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