

Converting Colors

$Yxy(70.0769, 0.3138, 0.3068)$

Have a look what the booklet for
Yxy(70.0769, 0.3138, 0.3068)
contains.

Yxy(70.2938, 0.3138, 0.3069)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.2938, 0.3138, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	E9D4E9
RGB	233, 212, 233
RGB Percent	91%, 83%, 91%
CMY	0.0860, 0.1687, 0.0862
CMYK	0.00, 0.09, 0.00, 0.09
HSL	300°, 32%, 87%
HSV	300°, 9%, 91%
XYZ	71.8742, 70.2938, 86.8766
YIQ	220.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

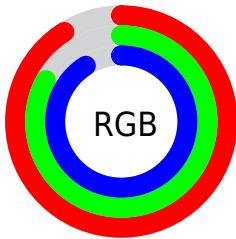
Format	Color
R _Y B	233, 212, 233
Decimal	15324393
CIE Lab	87.14, 10.96, -7.67
CIE LCh	87, 13.374, 325.000
Yxy	70.2938, 0.3138, 0.3069
Android (android.graphics.Color)	4293514473 (0xFFE9D4E9)
YUV	220.6730, 6.0772, 10.8108
Hunter-Lab	83.8414, 6.2992, -2.7474

Details

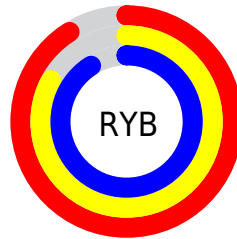
The Yxy color `70.2938, 0.3138, 0.3069` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.0695, 0.3116, 0.3521`, and the grayscale version is `72.0263, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `36.6354, 0.3140, 0.3017` is the 20% darker color. If you saturate the color by 10%, you get `59.4703, 0.3150, 0.2819`, and if you desaturate by 10%, it is `82.8053, 0.3126, 0.3313`.

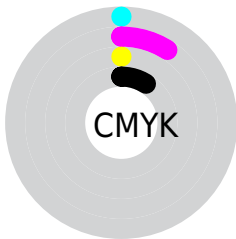
Distribution



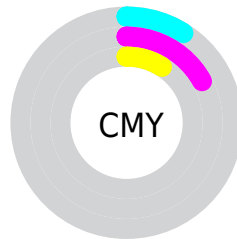
- Red (91%)
- Green (83%)
- Blue (91%)



- Red (91%)
- Yellow (83%)
- Blue (91%)



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





- Cyan (9%)
- Magenta (17%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2938, 0.3138, 0.3069 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 70.2938, 0.3138, 0.3069 by changing the saturation by 10% instead.


 70.2938, 0.3138,
0.3069

 70.2938, 0.3138,
0.3069

461.5809, 0.3134,
0.3170

 51.7661, 0.3139,
0.3046


119.6276, 0.3137,
0.3104

 36.8187, 0.3140,
0.3018


151.2026, 0.3136,
0.3118

 25.0671, 0.3141,
0.2982


187.8953, 0.3136,
0.3129

 16.1271, 0.3142,
0.2936

230.0904, 0.3135,
0.3140

 9.6141, 0.3143,
0.2874

278.1720, 0.3135,
0.3149

 5.1439, 0.3143,
0.2785

332.5248, 0.3134,

 2.3319, 0.3142,

0.3157

0.2649

393.5329, 0.3134,
0.3164

0.7905, 0.3138,
0.2405

0.0000, 0.0000,
0.0000

70.2938, 0.3138,
0.3069

70.2938, 0.3138,
0.3069

59.4703, 0.3150,
0.2819

82.8053, 0.3126,
0.3313

50.2539, 0.3163,
0.2570

94.7480, 0.3116,
0.3510

42.5708, 0.3175,
0.2331

94.7521, 0.3116,
0.3509

36.3378, 0.3186,
0.2110

94.7562, 0.3116,
0.3509

31.4639, 0.3196,
0.1918

94.7603, 0.3115,
0.3508

27.8477, 0.3204,
0.1763

94.7643, 0.3115,
0.3507

25.3736, 0.3210,
0.1650

94.7684, 0.3114,
0.3506

23.9050, 0.3214,
0.1581

94.7725, 0.3114,
0.3506

23.2312, 0.3217,
0.1548

94.7766, 0.3113,
0.3505

Harmonies

Analogous

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



70.2938, 0.2979, 0.3017



70.2938, 0.3138, 0.3069



70.2938, 0.3298, 0.3176

Triad

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



70.2938, 0.3138, 0.3069



70.2938, 0.3397, 0.3546



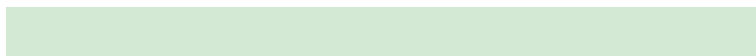
70.2938, 0.2849, 0.3256

Complementary

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



70.2938, 0.3138, 0.3069



77.0695, 0.3116, 0.3521

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.



70.2938, 0.2956, 0.3407



70.2938, 0.3138, 0.3069



70.2938, 0.3272, 0.3577

Square

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



70.2938, 0.3138, 0.3069



70.2938, 0.3450, 0.3448



70.2938, 0.3110, 0.3526



70.2938, 0.2815, 0.3120

Rectangle

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



70.2938, 0.3138, 0.3069



70.2938, 0.3382, 0.3266



70.2938, 0.3110, 0.3526



70.2938, 0.2877, 0.3307

Sweetspot

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



70.2968, 0.3138, 0.3069



95.2143, 0.3131, 0.3217



66.9585, 0.2987, 0.3058



20.1130, 0.3132, 0.3198



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.



70.2968, 0.3138, 0.3069



83.3853, 0.3140, 0.3019



69.7153, 0.3210, 0.3178



15.3130, 0.3139, 0.3059



13.1453, 0.3217, 0.1546



1.0325, 0.3216, 0.1545

Inverse Universe

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



70.2968, 0.3138, 0.3069



83.3853, 0.3140, 0.3019



77.6161, 0.3051, 0.3405



15.3130, 0.3139, 0.3059



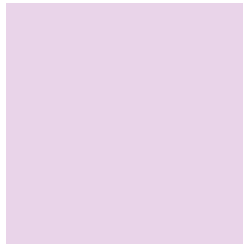
13.1453, 0.3217, 0.1546



1.0325, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 70.2938, 0.3138, 0.3069 looks on a white background.

Color Contrast Check

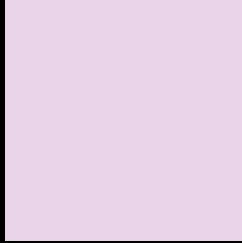
Large Text (above 18pt) WCAG AA × Fail

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 70.2938, 0.3138, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

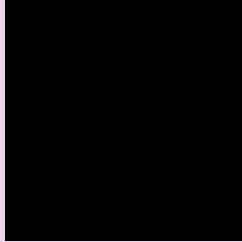
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

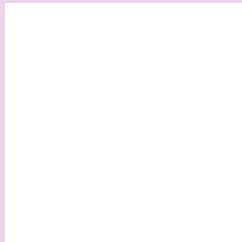
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2938, 0.3138, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 70.2938, 0.3138, 0.3069.

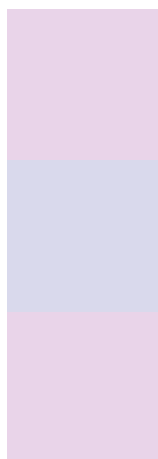


This preview shows how white text looks on a background with the Yxy color 70.2938, 0.3138, 0.3069.

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

70.2938, 0.3138, 0.3069

Protanopia

70.4336, 0.3003, 0.3085

Deuteranopia

70.2938, 0.3138, 0.3069



Tritanopia

70.5693, 0.3164, 0.3121

Trichromacy



Original Color

70.2938, 0.3138, 0.3069

Protanomaly

70.2870, 0.3051, 0.3076

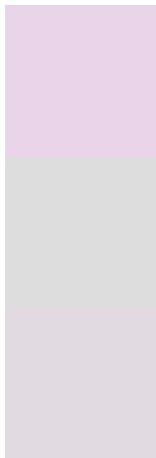
Deuteranomaly

70.2938, 0.3138, 0.3069

Tritanomaly

70.6253, 0.3157, 0.3111

Monochromacy



Original Color

70.2938, 0.3138, 0.3069

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5866, 0.3131, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2938, 0.3138, 0.3069 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, 212, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 212, 233)  
}
```

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, 212, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 212, 233) }
```

Border

The CSS property to change the border of an element to Yxy 70.2938, 0.3138, 0.3069 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, 212, 233) }
```

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

```
.border{ border-color:rgb(233, 212, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 212, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 212, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 212, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 212,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2938, 0.3138, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 212, 233) }
```

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

```
.background{ background-color: rgb(233,  
212, 233) }
```

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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