

Converting Colors

Yxy(68.8341, 0.3078, 0.3019)

Have a look what the booklet for
Yxy(68.8341, 0.3078, 0.3019)
contains.

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Color

Yxy(69.1386, 0.3081, 0.3025)

Conversions

Conversions Part 1

Format	Color
Hex	E4D3EC
RGB	228, 211, 236
RGB Percent	89%, 83%, 93%
CMY	0.1061, 0.1725, 0.0745
CMYK	0.03, 0.11, 0.00, 0.07
HSL	281°, 40%, 88%
HSV	281°, 11%, 93%
XYZ	70.4185, 69.1386, 89.0002
YIQ	218.9330, 2.1070, 11.3790

Conversions

Conversions Part 2

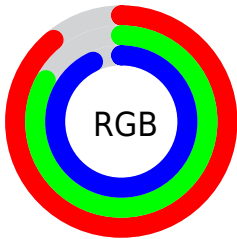
Format	Color
R _Y B	228, 211, 236
Decimal	14996460
CIE Lab	86.57, 10.31, -10.15
CIE LCh	87, 14.467, 315.442
Yxy	69.1386, 0.3081, 0.3025
Android (android.graphics.Color)	4293186540 (0xFFE4D3EC)
YUV	218.9330, 8.4140, 7.9518
Hunter-Lab	83.1496, 5.6579, -5.2571

Details

The Yxy color **69.1386, 0.3081, 0.3025** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.7767, 0.3169, 0.3560**, and the grayscale version is **70.7272, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9565, 0.3076, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **57.0435, 0.3029, 0.2759**, and if you desaturate by 10%, it is **83.0162, 0.3125, 0.3276**.

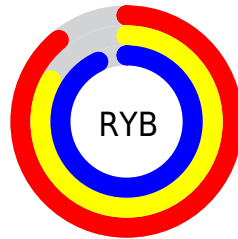
Distribution



Red (89%)

Green (83%)

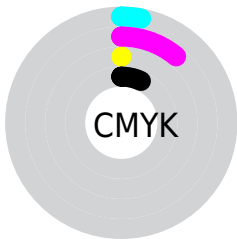
Blue (93%)



Red (89%)

Yellow (83%)

Blue (93%)

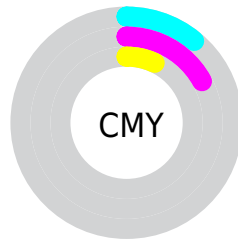


Cyan (3%)

Magenta (11%)

Yellow (0%)

Black (7%)



Cyan (11%)


Magenta (17%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1386, 0.3081, 0.3025 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 69.1386, 0.3081, 0.3025 by changing the saturation by 10% instead.


 69.1386, 0.3081,
0.3025

 69.1386, 0.3081,
0.3025


457.5197, 0.3104,
0.3147

 50.8246, 0.3076,
0.2998

117.9795, 0.3089,
0.3067

 36.0690, 0.3069,
0.2964


149.2752, 0.3092,
0.3083

 24.4875, 0.3060,
0.2921


185.6669, 0.3095,
0.3097

 15.6957, 0.3048,
0.2866

227.5391, 0.3097,
0.3110

 9.3090, 0.3031,
0.2791

275.2760, 0.3099,
0.3121

 4.9433, 0.3006,
0.2684

329.2622, 0.3101,

 2.2140, 0.2963,

0.3130

0.2520

389.8819, 0.3102,
0.3139

0.7276, 0.2886,
0.2216

0.0000, 0.0000,
0.0000

69.1386, 0.3081,
0.3025

69.1386, 0.3081,
0.3025

57.0435, 0.3029,
0.2759

83.0162, 0.3125,
0.3276

46.6466, 0.2968,
0.2484

96.6639, 0.3163,
0.3477

37.8700, 0.2898,
0.2206

98.0486, 0.3211,
0.3475

30.6259, 0.2821,
0.1936

98.8370, 0.3238,
0.3473

■ 24.8183, 0.2737,
0.1687

■ 20.3399, 0.2649,
0.1470

■ 17.0681, 0.2560,
0.1296

■ 14.8564, 0.2474,
0.1172

■ 13.5153, 0.2397,
0.1094

Harmonies

Analogous

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



69.1386, 0.2918, 0.2992



69.1386, 0.3081, 0.3025



69.1386, 0.3260, 0.3124

Triad

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



69.1386, 0.3081, 0.3025



69.1386, 0.3449, 0.3541



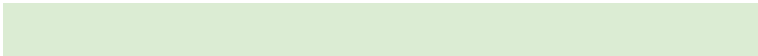
69.1386, 0.2854, 0.3306

Complementary

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



69.1386, 0.3081, 0.3025



79.7767, 0.3169, 0.3560

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.



69.1386, 0.2990, 0.3465



69.1386, 0.3081, 0.3025



69.1386, 0.3334, 0.3601

Square

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



69.1386, 0.3081, 0.3025



69.1386, 0.3476, 0.3417



69.1386, 0.3165, 0.3575



69.1386, 0.2790, 0.3148

Rectangle

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



69.1386, 0.3081, 0.3025



69.1386, 0.3365, 0.3215



69.1386, 0.3165, 0.3575



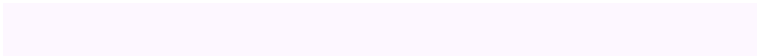
69.1386, 0.2893, 0.3361

Sweetspot

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



69.1416, 0.3081, 0.3025



94.7506, 0.3115, 0.3217



70.7559, 0.2962, 0.3108



19.9874, 0.3112, 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.



69.1416, 0.3081, 0.3025



78.6702, 0.3069, 0.2961



70.2519, 0.3168, 0.3072



15.0560, 0.3086, 0.3054



7.5216, 0.2410, 0.1101



0.6421, 0.2522, 0.1163

Inverse Universe

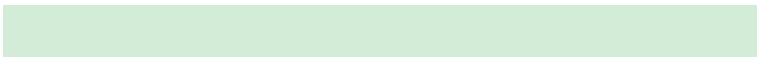
The Inverse Universe completely reimagines the original color for something new.



69.5533, 0.3257, 0.3205



79.2803, 0.3292, 0.3184



78.7669, 0.3089, 0.3518



15.1342, 0.3242, 0.3214



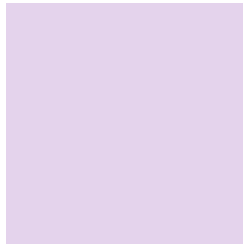
10.1396, 0.5677, 0.2901



0.8132, 0.5286, 0.2685

Previews

White Background



This preview shows how the Yxy color 69.1386, 0.3081, 0.3025 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 69.1386, 0.3081, 0.3025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

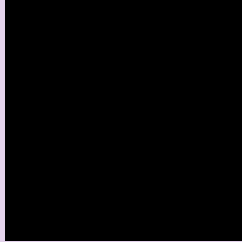
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

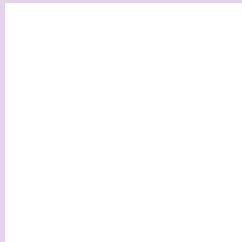
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1386, 0.3081, 0.3025

Background



This preview shows how black text looks on a background with the Yxy color 69.1386, 0.3081, 0.3025.



This preview shows how white text looks on a background with the Yxy color 69.1386, 0.3081, 0.3025.

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

69.1386, 0.3081, 0.3025

Protanopia

69.1290, 0.2963, 0.3030

Deuteranopia

69.3027, 0.3089, 0.3026



Tritanopia

69.0750, 0.3121, 0.3108

Trichromacy



Original Color

69.1386, 0.3081, 0.3025

Protanomaly

69.3263, 0.3004, 0.3032

Deuteranomaly

69.3027, 0.3089, 0.3026

Tritanomaly

69.2441, 0.3101, 0.3077

Monochromacy



Original Color

69.1386, 0.3081, 0.3025

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0776, 0.3110, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1386, 0.3081, 0.3025 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(228, 211, 236)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 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(228, 211, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 236) }
```

Border

The CSS property to change the border of an element to Yxy 69.1386, 0.3081, 0.3025 is called "border". The border property can be set on classes, ids or directly on the HTML element.

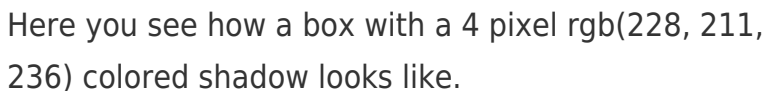
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 211, 236) }
```

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

```
.border{ border-color:rgb(228, 211, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(228, 211, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 211, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 211, 236); box-shadow:4px 4px 4px 4px rgb(228, 211, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1386, 0.3081, 0.3025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 236) }
```

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

```
.background{ background-color: rgb(228,  
211, 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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