

Converting Colors

Yxy(69.0565, 0.3091, 0.2980)

Have a look what the booklet for
Yxy(69.0565, 0.3091, 0.2980)
contains.

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Color

Yxy(68.9887, 0.3091, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	E8D1EF
RGB	232, 209, 239
RGB Percent	91%, 82%, 94%
CMY	0.0902, 0.1804, 0.0629
CMYK	0.03, 0.13, 0.00, 0.06
HSL	286°, 48%, 88%
HSV	286°, 13%, 94%
XYZ	71.6546, 68.9887, 91.1736
YIQ	219.2970, 4.0780, 14.2060

Conversions

Conversions Part 2

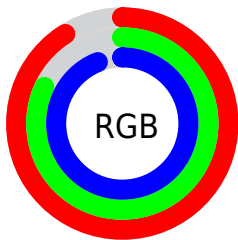
Format	Color
R _Y B	232, 209, 239
Decimal	15258095
CIE Lab	86.50, 13.26, -11.79
CIE LCh	86, 17.742, 318.363
Yxy	68.9887, 0.3091, 0.2976
Android (android.graphics.Color)	4293448175 (0xFFE8D1EF)
YUV	219.2970, 9.7136, 11.1405
Hunter-Lab	83.0594, 8.6363, -6.9405

Details

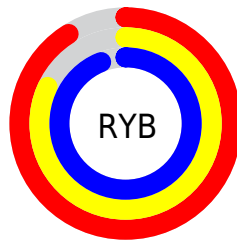
The Yxy color **68.9887, 0.3091, 0.2976** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.9123, 0.3158, 0.3615**, and the grayscale version is **70.9852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0917, 0.3078, 0.2910** is the 20% darker color. If you saturate the color by 10%, you get **57.2159, 0.3055, 0.2712**, and if you desaturate by 10%, it is **82.5555, 0.3121, 0.3228**.

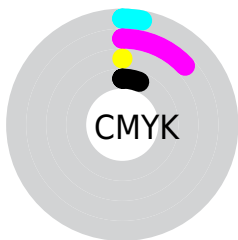
Distribution



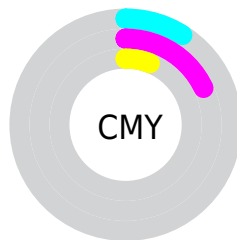
- Red (91%)
- Green (82%)
- Blue (94%)



- Red (91%)
- Yellow (82%)
- Blue (94%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)




- Cyan (9%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9887, 0.3091, 0.2976 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 68.9887, 0.3091, 0.2976 by changing the saturation by 10% instead.


 68.9887, 0.3091,
0.2976

 68.9887, 0.3091,
0.2976


456.9911, 0.3109,
0.3119

 50.7025, 0.3086,
0.2944


117.7654, 0.3098,
0.3025

 35.9719, 0.3081,
0.2904

149.0248, 0.3100,
0.3045

 24.4125, 0.3073,
0.2854


185.3773, 0.3102,
0.3061

 15.6399, 0.3063,
0.2790

227.2073, 0.3104,
0.3076

 9.2697, 0.3048,
0.2703

274.8994, 0.3106,
0.3089

 4.9175, 0.3025,
0.2580

328.8377, 0.3107,

 2.1989, 0.2984,

0.3100

0.2394

389.4069, 0.3108,
0.3110

0.7194, 0.2911,
0.2056

0.0000, 0.0000,
0.0000

68.9887, 0.3091,
0.2976

68.9887, 0.3091,
0.2976

57.2159, 0.3055,
0.2712

82.5555, 0.3121,
0.3228

47.1499, 0.3013,
0.2443

96.8249, 0.3146,
0.3448

38.7095, 0.2965,
0.2178

97.8293, 0.3180,
0.3446

31.8033, 0.2910,
0.1926

98.8638, 0.3216,
0.3445

■ 26.3306, 0.2851,
0.1700

■ 99.0100, 0.3221,
0.3444

■ 22.1788, 0.2789,
0.1510

■ 19.2179, 0.2725,
0.1363

■ 17.2910, 0.2663,
0.1264

■ 16.3460, 0.2617,
0.1216

Harmonies

Analogous

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



68.9887, 0.2888, 0.2926



68.9887, 0.3091, 0.2976



68.9887, 0.3310, 0.3102

Triad

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



68.9887, 0.3091, 0.2976



68.9887, 0.3513, 0.3608



68.9887, 0.2781, 0.3288

Complementary

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



68.9887, 0.3091, 0.2976



80.9123, 0.3158, 0.3615

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.



68.9887, 0.2940, 0.3488



68.9887, 0.3091, 0.2976



68.9887, 0.3362, 0.3675

Square

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



68.9887, 0.3091, 0.2976



68.9887, 0.3559, 0.3460



68.9887, 0.3151, 0.3633



68.9887, 0.2714, 0.3097

Rectangle

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



68.9887, 0.3091, 0.2976



68.9887, 0.3435, 0.3215



68.9887, 0.3151, 0.3633



68.9887, 0.2825, 0.3357

Sweetspot

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



68.9917, 0.3091, 0.2976



93.2168, 0.3117, 0.3192



68.8984, 0.2929, 0.3038



19.6875, 0.3114, 0.3173



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.



68.9917, 0.3091, 0.2976



76.3288, 0.3083, 0.2911



69.7189, 0.3197, 0.3061



15.8354, 0.3101, 0.3055



9.0984, 0.2627, 0.1221



0.8013, 0.2707, 0.1265

Inverse Universe

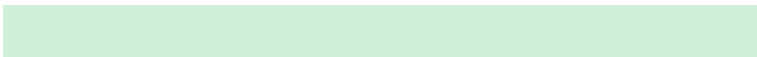
The Inverse Universe completely reimagines the original color for something new.



68.9073, 0.3304, 0.3217



76.2284, 0.3346, 0.3201



80.2796, 0.3064, 0.3530



15.8191, 0.3257, 0.3235



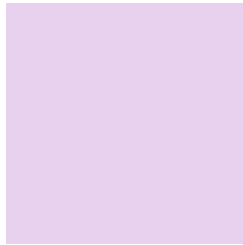
10.3132, 0.5982, 0.3069



0.8728, 0.5618, 0.2868

Previews

White Background



This preview shows how the Yxy color 68.9887, 0.3091, 0.2976 looks on a white background.

Color Contrast Check

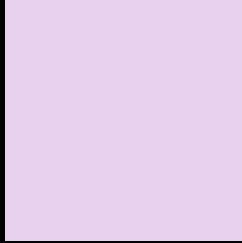
Large Text (above 18pt) WCAG AA × Fail

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 68.9887, 0.3091, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

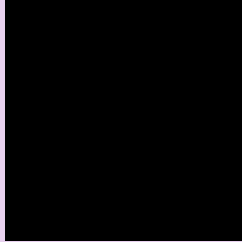
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9887, 0.3091, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 68.9887, 0.3091, 0.2976.



This preview shows how white text looks on a background with the Yxy color 68.9887, 0.3091, 0.2976.

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

68.9887, 0.3091, 0.2976

Protanopia

69.2181, 0.2931, 0.2987

Deuteranopia

69.1514, 0.3054, 0.2994



Tritanopia

69.0130, 0.3150, 0.3109

Trichromacy



Original Color

68.9887, 0.3091, 0.2976

Protanomaly

69.2149, 0.2985, 0.2980

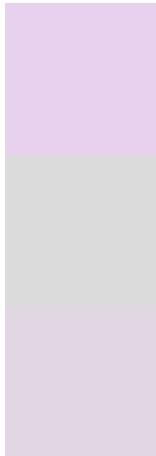
Deuteranomaly

68.9832, 0.3069, 0.2984

Tritanomaly

68.9083, 0.3131, 0.3057

Monochromacy



Original Color

68.9887, 0.3091, 0.2976

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.9392, 0.3118, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9887, 0.3091, 0.2976 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(232, 209, 239)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 239)  
}
```

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(232, 209, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 239) }
```

Border

The CSS property to change the border of an element to Yxy 68.9887, 0.3091, 0.2976 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(232, 209, 239) }
```

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

```
.border{ border-color:rgb(232, 209, 239) }
```

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

Here you see how a box with a 4 pixel rgb(232, 209, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 239);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9887, 0.3091, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 239) }
```

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

```
.background{ background-color: rgb(232,  
209, 239) }
```

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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