

Converting Colors

Yxy(71.7484, 0.3069, 0.3171)

Have a look what the booklet for
Yxy(71.7484, 0.3069, 0.3171)
contains.

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Color

Yxy(71.7484, 0.3069, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	DDDBE6
RGB	221, 219, 230
RGB Percent	87%, 86%, 90%
CMY	0.1333, 0.1412, 0.0979
CMYK	0.04, 0.05, 0.00, 0.10
HSL	251°, 18%, 88%
HSV	251°, 5%, 90%
XYZ	69.4405, 71.7484, 85.0754
YIQ	220.8520, -2.3390, 3.8450

Conversions

Conversions Part 2

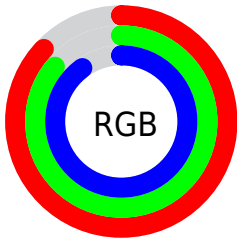
Format	Color
R _Y B	221, 219, 230
Decimal	14539750
CIE Lab	87.85, 2.71, -5.16
CIE LCh	88, 5.830, 297.693
Yxy	71.7484, 0.3069, 0.3171
Android (android.graphics.Color)	4292729830 (0xFFDDDBE6)
YUV	220.8520, 4.5100, 0.1298
Hunter-Lab	84.7044, -1.8988, -0.2565

Details

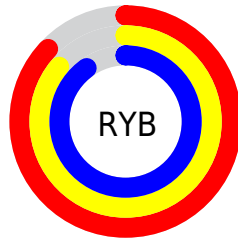
The Yxy color **71.7484, 0.3069, 0.3171** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.2226, 0.3184, 0.3407**, and the grayscale version is **72.1706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7531, 0.3051, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **57.7802, 0.2934, 0.2901**, and if you desaturate by 10%, it is **87.7114, 0.3186, 0.3411**.

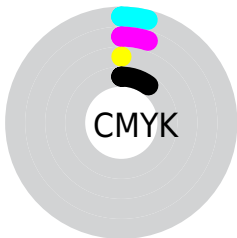
Distribution



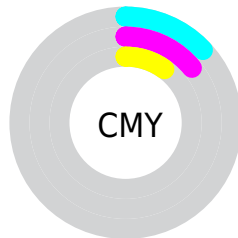
- Red (87%)
- Green (86%)
- Blue (90%)



- Red (87%)
- Yellow (86%)
- Blue (90%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (14%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7484, 0.3069, 0.3171 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 71.7484, 0.3069, 0.3171 by changing the saturation by 10% instead.

■ 71.7484, 0.3069,
0.3171

■ 71.7484, 0.3069,
0.3171

466.6654, 0.3096,
0.3226

■ 52.9532, 0.3063,
0.3158

121.6988, 0.3078,
0.3190

■ 37.7654, 0.3055,
0.3143

153.6227, 0.3082,
0.3197

■ 25.8007, 0.3045,
0.3123

190.6916, 0.3085,
0.3204

■ 16.6746, 0.3032,
0.3098

233.2900, 0.3088,
0.3209

■ 10.0027, 0.3014,
0.3063

281.8021, 0.3090,
0.3214

■ 5.4008, 0.2988,
0.3013

336.6125, 0.3093,

■ 2.4843, 0.2947,

0.3219

0.2934

398.1054, 0.3094,
0.3223

0.8687, 0.2870,
0.2793

0.0000, 0.0000,
0.0000

71.7484, 0.3069,
0.3171

71.7484, 0.3069,
0.3171

57.7802, 0.2934,
0.2901

87.7114, 0.3186,
0.3411

45.7192, 0.2781,
0.2602

98.4951, 0.3273,
0.3532

35.4848, 0.2610,
0.2279

26.9871, 0.2424,
0.1941

■ 20.1285, 0.2232,
0.1605

■ 14.8016, 0.2043,
0.1290

■ 10.8861, 0.1870,
0.1019

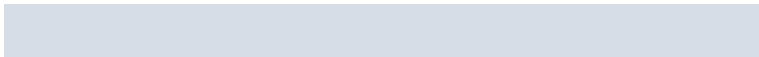
■ 8.2432, 0.1725,
0.0814

■ 6.7045, 0.1617,
0.0685

Harmonies

Analogous

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



71.7484, 0.3015, 0.3177



71.7484, 0.3069, 0.3171



71.7484, 0.3139, 0.3196

Triad

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



71.7484, 0.3069, 0.3171



71.7484, 0.3266, 0.3365



71.7484, 0.3048, 0.3335

Complementary

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



71.7484, 0.3069, 0.3171



78.2226, 0.3184, 0.3407

Split Complementary

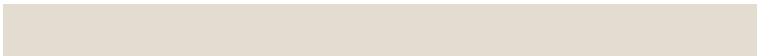
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7484, 0.3114, 0.3387



71.7484, 0.3069, 0.3171



71.7484, 0.3240, 0.3404

Square

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



71.7484, 0.3069, 0.3171



71.7484, 0.3253, 0.3307



71.7484, 0.3185, 0.3412



71.7484, 0.3003, 0.3271

Rectangle

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



71.7484, 0.3069, 0.3171



71.7484, 0.3186, 0.3227



71.7484, 0.3185, 0.3412



71.7484, 0.3068, 0.3355

Sweetspot

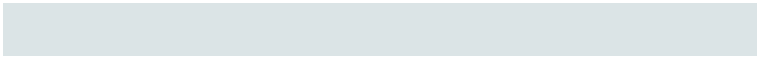
The Sweet Spot groups the original color and five complimentary colors.



71.7515, 0.3069, 0.3171



97.9908, 0.3115, 0.3266



76.3683, 0.3053, 0.3270



20.9953, 0.3116, 0.3267



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.



71.7515, 0.3069, 0.3171



88.3298, 0.3053, 0.3139



72.6027, 0.3107, 0.3172



14.8886, 0.3046, 0.3124



3.5526, 0.1586, 0.0648



0.2993, 0.1715, 0.0718

Inverse Universe

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



73.0921, 0.3146, 0.3195



90.4445, 0.3151, 0.3170



77.3631, 0.3147, 0.3409



15.2830, 0.3154, 0.3158



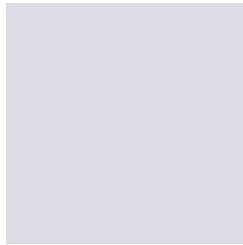
11.5938, 0.3733, 0.1830



0.8686, 0.3643, 0.1780

Previews

White Background



This preview shows how the Yxy color 71.7484, 0.3069, 0.3171 looks on a white background.

Color Contrast Check

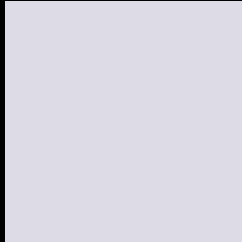
Large Text (above 18pt) WCAG AA × Fail

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 71.7484, 0.3069, 0.3171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

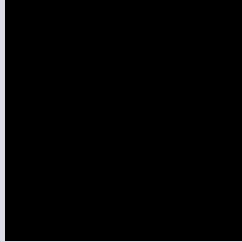
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

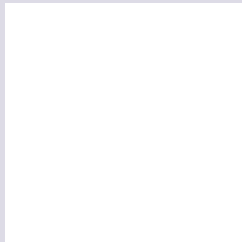
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7484, 0.3069, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 71.7484, 0.3069, 0.3171.

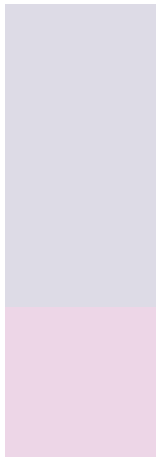


This preview shows how white text looks on a background with the Yxy color 71.7484, 0.3069, 0.3171.

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

71.7484, 0.3069, 0.3171

Protanopia

71.7484, 0.3069, 0.3171

Deuteranopia

71.8672, 0.3179, 0.3113



Tritanopia

71.6706, 0.3044, 0.3108

Trichromacy



Original Color

71.7484, 0.3069, 0.3171

Protanomaly

71.7484, 0.3069, 0.3171

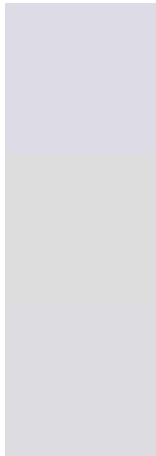
Deuteranomaly

71.8702, 0.3135, 0.3132

Tritanomaly

71.5556, 0.3057, 0.3129

Monochromacy



Original Color

71.7484, 0.3069, 0.3171

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9404, 0.3108, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7484, 0.3069, 0.3171 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(221, 219, 230)` looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 230)  
}
```

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(221, 219, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 230) }
```

Border

The CSS property to change the border of an element to Yxy 71.7484, 0.3069, 0.3171 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(221, 219, 230) }
```

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

```
.border{ border-color:rgb(221, 219, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 219, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 219, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 219, 230);  
box-shadow:4px 4px 4px 4px rgb(221, 219,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7484, 0.3069, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 219, 230) }
```

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

```
.background{ background-color: rgb(221,  
219, 230) }
```

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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