

Converting Colors

$Yxy(71.1329, 0.2981, 0.3021)$

Have a look what the booklet for
Yxy(71.1329, 0.2981, 0.3021)
contains.

Yxy(71.0966, 0.2979, 0.3023)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0966, 0.2979, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	DBD9F2
RGB	219, 217, 242
RGB Percent	86%, 85%, 95%
CMY	0.1410, 0.1490, 0.0510
CMYK	0.09, 0.10, 0.00, 0.05
HSL	245°, 49%, 90%
HSV	245°, 10%, 95%
XYZ	70.0618, 71.0966, 94.0272
YIQ	220.4480, -6.8330, 8.1990

Conversions

Conversions Part 2

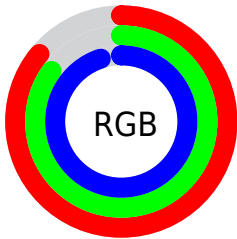
Format	Color
R _Y B	219, 217, 242
Decimal	14408178
CIE Lab	87.53, 5.41, -11.95
CIE LCh	88, 13.119, 294.344
Yxy	71.0966, 0.2979, 0.3023
Android (android.graphics.Color)	4292598258 (0xFFD9D9F2)
YUV	220.4480, 10.6251, -1.2699
Hunter-Lab	84.3188, 0.7605, -7.0934

Details

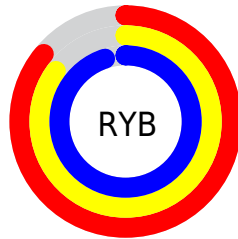
The Yxy color **71.0966, 0.2979, 0.3023** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87.0235, 0.3267, 0.3546**, and the grayscale version is **71.8329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2783, 0.2942, 0.2957** is the 20% darker color. If you saturate the color by 10%, you get **56.3069, 0.2815, 0.2731**, and if you desaturate by 10%, it is **88.1811, 0.3123, 0.3282**.

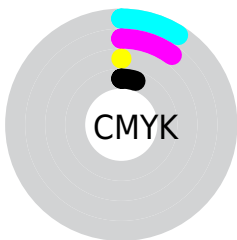
Distribution



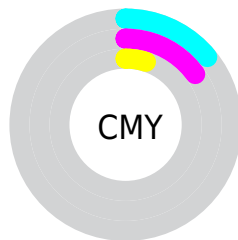
- Red (86%)
- Green (85%)
- Blue (95%)



- Red (86%)
- Yellow (85%)
- Blue (95%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (14%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0966, 0.2979, 0.3023 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 71.0966, 0.2979, 0.3023 by changing the saturation by 10% instead.

■ 71.0966, 0.2979,
0.3023

■ 71.0966, 0.2979,
0.3023

464.3911, 0.3048,
0.3145

■ 52.4210, 0.2963,
0.2995

120.7713, 0.3003,
0.3065

■ 37.3408, 0.2943,
0.2961

152.5391, 0.3012,
0.3082

■ 25.4715, 0.2918,
0.2918

189.4399, 0.3021,
0.3096

■ 16.4287, 0.2885,
0.2862

231.8580, 0.3028,
0.3108

■ 9.8280, 0.2840,
0.2787

280.1777, 0.3034,
0.3119

■ 5.2851, 0.2774,
0.2680

334.7836, 0.3039,

■ 2.4155, 0.2670,

0.3129

0.2516

396.0599, 0.3044,
0.3138

0.8338, 0.2484,
0.2233

0.0000, 0.0000,
0.0000

71.0966, 0.2979,
0.3023

71.0966, 0.2979,
0.3023

56.3069, 0.2815,
0.2731

88.1811, 0.3123,
0.3282

43.7057, 0.2632,
0.2410

99.1903, 0.3203,
0.3415

33.1916, 0.2433,
0.2066

24.6518, 0.2227,
0.1715

■ 17.9625, 0.2023,
0.1377

■ 12.9864, 0.1838,
0.1078

■ 9.5667, 0.1687,
0.0842

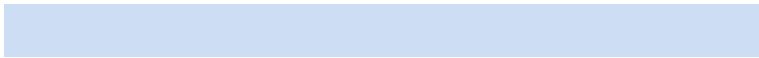
■ 7.5176, 0.1580,
0.0688

■ 6.5576, 0.1521,
0.0611

Harmonies

Analogous

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



71.0966, 0.2866, 0.3041



71.0966, 0.2979, 0.3023



71.0966, 0.3134, 0.3072

Triad

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



71.0966, 0.2979, 0.3023



71.0966, 0.3443, 0.3442



71.0966, 0.2963, 0.3407

Complementary

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



71.0966, 0.2979, 0.3023



87.0235, 0.3267, 0.3546

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.



71.0966, 0.3114, 0.3523



71.0966, 0.2979, 0.3023



71.0966, 0.3393, 0.3539

Square

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



71.0966, 0.2979, 0.3023



71.0966, 0.3405, 0.3309



71.0966, 0.3272, 0.3570



71.0966, 0.2857, 0.3261

Rectangle

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



71.0966, 0.2979, 0.3023



71.0966, 0.3241, 0.3136



71.0966, 0.3272, 0.3570



71.0966, 0.3010, 0.3451

Sweetspot

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



71.0996, 0.2979, 0.3023



93.9082, 0.3086, 0.3216



83.6728, 0.2968, 0.3272



19.7605, 0.3075, 0.3196



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.



71.0996, 0.2979, 0.3023



77.0631, 0.2953, 0.2976



73.0479, 0.3063, 0.3030



15.2907, 0.2992, 0.3047



3.5461, 0.1526, 0.0615



0.3162, 0.1591, 0.0650

Inverse Universe

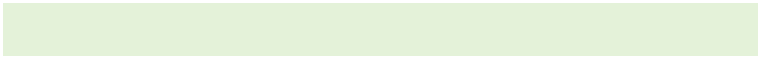
The Inverse Universe completely reimagines the original color for something new.



74.7857, 0.3153, 0.3056



81.8458, 0.3157, 0.3017



84.9743, 0.3186, 0.3552



16.0077, 0.3151, 0.3076



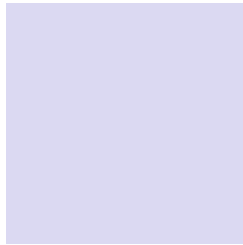
12.9879, 0.3427, 0.1661



1.0870, 0.3395, 0.1644

Previews

White Background



This preview shows how the Yxy color 71.0966, 0.2979, 0.3023 looks on a white background.

Color Contrast Check

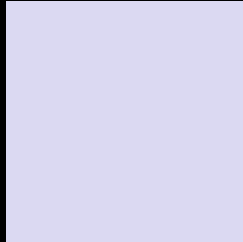
Large Text (above 18pt) WCAG AA × Fail

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 71.0966, 0.2979, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

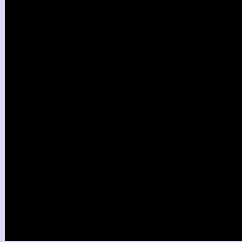
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0966, 0.2979, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 71.0966, 0.2979, 0.3023.

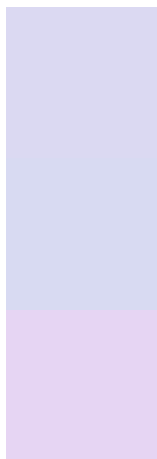


This preview shows how white text looks on a background with the Yxy color 71.0966, 0.2979, 0.3023.

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

71.0966, 0.2979, 0.3023

Protanopia

71.1525, 0.2958, 0.3032

Deuteranopia

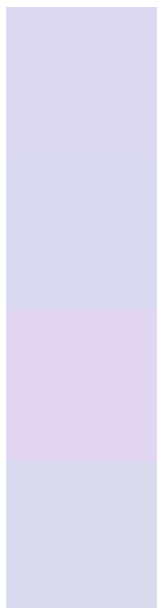
70.8826, 0.3049, 0.2977



Tritanopia

71.0464, 0.3016, 0.3107

Trichromacy



Original Color

71.0966, 0.2979, 0.3023

Protanomaly

71.3053, 0.2965, 0.3033

Deuteranomaly

70.7330, 0.3021, 0.2985

Tritanomaly

71.2213, 0.2997, 0.3075

Monochromacy



Original Color

71.0966, 0.2979, 0.3023

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.4801, 0.3075, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0966, 0.2979, 0.3023 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(219, 217, 242)` looks like.

```
.text, #text, p{  
    color:rgb(219, 217, 242)  
}
```

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(219, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 217, 242) }
```

Border

The CSS property to change the border of an element to Yxy 71.0966, 0.2979, 0.3023 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(219, 217, 242) }
```

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

```
.border{ border-color:rgb(219, 217, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(219, 217,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0966, 0.2979, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 217, 242) }
```

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

```
.background{ background-color: rgb(219,  
217, 242) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor