

Converting Colors

$Y_{xy}(70.6402, 0.2914, 0.2969)$

Have a look what the booklet for
Yxy(70.6402, 0.2914, 0.2969)
contains.

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Color

Yxy(70.6373, 0.2914, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D6D9F7
RGB	214, 217, 247
RGB Percent	84%, 85%, 97%
CMY	0.1608, 0.1490, 0.0315
CMYK	0.13, 0.12, 0.00, 0.03
HSL	235°, 67%, 90%
HSV	235°, 13%, 97%
XYZ	69.3288, 70.6373, 97.9501
YIQ	219.5230, -11.4180, 8.6940

Conversions

Conversions Part 2

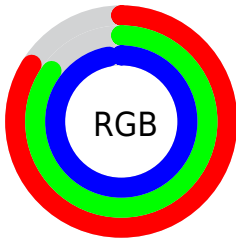
Format	Color
RYB	214, 217, 247
Decimal	14080503
CIELab	87.31, 4.79, -14.95
CIElCh	87, 15.699, 287.766
Yxy	70.6373, 0.2914, 0.2969
Android (android.graphics.Color)	4292270583 (0xFFD6D9F7)
YUV	219.5230, 13.5462, -4.8437
Hunter-Lab	84.0460, 0.1625, -10.2664

Details

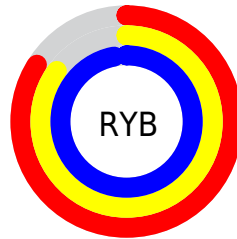
The Yxy color **70.6373, 0.2914, 0.2969** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.3019, 0.3331, 0.3592**, and the grayscale version is **71.1315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9732, 0.2859, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **56.4070, 0.2733, 0.2692**, and if you desaturate by 10%, it is **87.0102, 0.3077, 0.3215**.

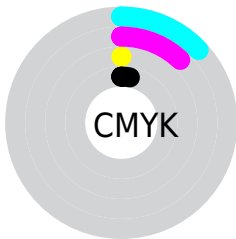
Distribution



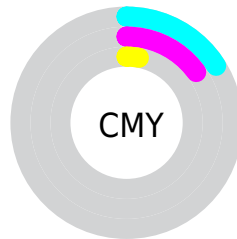
- Red (84%)
- Green (85%)
- Blue (97%)



- Red (84%)
- Yellow (85%)
- Blue (97%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (16%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6373, 0.2914, 0.2969 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 70.6373, 0.2914, 0.2969 by changing the saturation by 10% instead.

■ 70.6373, 0.2914,
0.2969

■ 70.6373, 0.2914,
0.2969

462.7845, 0.3013,
0.3116

■ 52.0463, 0.2891,
0.2936

120.1171, 0.2949,
0.3020

■ 37.0420, 0.2863,
0.2895

151.7747, 0.2962,
0.3040

■ 25.2400, 0.2827,
0.2843

188.5566, 0.2973,
0.3057

■ 16.2559, 0.2780,
0.2776

230.8472, 0.2984,
0.3072

■ 9.7054, 0.2716,
0.2686

279.0309, 0.2992,
0.3085

■ 5.2041, 0.2624,
0.2559

333.4921, 0.3000,

■ 2.3675, 0.2480,

0.3097

0.2365

394.6152, 0.3007,
0.3107

0.8091, 0.2229,
0.2034

0.0000, 0.0000,
0.0000

70.6373, 0.2914,
0.2969

70.6373, 0.2914,
0.2969

56.4070, 0.2733,
0.2692

87.0102, 0.3077,
0.3215

44.2222, 0.2537,
0.2387

99.4935, 0.3174,
0.3367

33.9912, 0.2331,
0.2061

25.6122, 0.2123,
0.1726

■ 18.9737, 0.1927,
0.1402

■ 13.9525, 0.1758,
0.1112

■ 10.4090, 0.1627,
0.0877

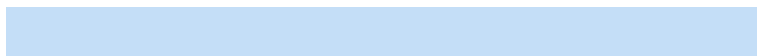
■ 8.1794, 0.1544,
0.0714

■ 7.3079, 0.1513,
0.0647

Harmonies

Analogous

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



70.6373, 0.2795, 0.3008



70.6373, 0.2914, 0.2969



70.6373, 0.3092, 0.3011

Triad

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



70.6373, 0.2914, 0.2969



70.6373, 0.3505, 0.3438



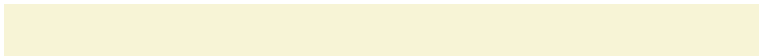
70.6373, 0.2966, 0.3467

Complementary

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



70.6373, 0.2914, 0.2969



89.3019, 0.3331, 0.3592

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.



70.6373, 0.3153, 0.3591



70.6373, 0.2914, 0.2969



70.6373, 0.3468, 0.3568

Square

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



70.6373, 0.2914, 0.2969



70.6373, 0.3438, 0.3276



70.6373, 0.3337, 0.3627



70.6373, 0.2825, 0.3293

Rectangle

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



70.6373, 0.2914, 0.2969



70.6373, 0.3222, 0.3079



70.6373, 0.3337, 0.3627



70.6373, 0.3025, 0.3516

Sweetspot

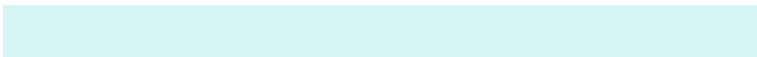
The Sweet Spot groups the original color and five complimentary colors.



70.6402, 0.2914, 0.2969



92.3443, 0.3067, 0.3199



87.3109, 0.2941, 0.3324



19.4665, 0.3055, 0.3182



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.



70.6402, 0.2914, 0.2969



71.6488, 0.2867, 0.2898



71.1688, 0.3003, 0.2945



16.1697, 0.2979, 0.3068



3.9519, 0.1517, 0.0660



0.4283, 0.1554, 0.0794

Inverse Universe

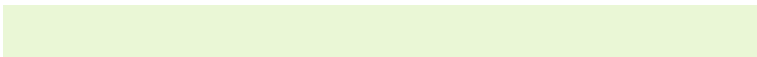
The Inverse Universe completely reimagines the original color for something new.



72.8726, 0.3351, 0.3260



74.5123, 0.3405, 0.3253



88.8134, 0.3239, 0.3630



16.5071, 0.3279, 0.3269



10.4983, 0.6299, 0.3244



0.9309, 0.6079, 0.3123

Previews

White Background



This preview shows how the Yxy color 70.6373, 0.2914, 0.2969 looks on a white background.

Color Contrast Check

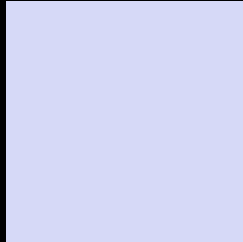
Large Text (above 18pt) WCAG AA × Fail

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 70.6373, 0.2914, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

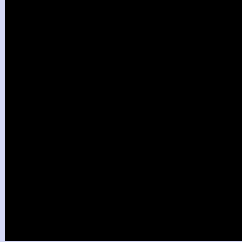
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6373, 0.2914, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 70.6373, 0.2914, 0.2969.



This preview shows how white text looks on a background with the Yxy color 70.6373, 0.2914, 0.2969.

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

70.6373, 0.2914, 0.2969

Protanopia

70.6373, 0.2914, 0.2969

Deuteranopia

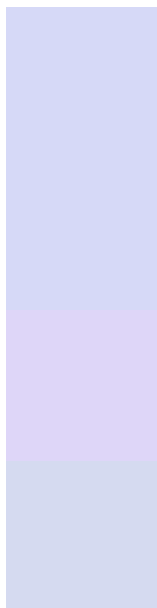
70.5346, 0.2989, 0.2924



Tritanopia

70.7162, 0.2969, 0.3105

Trichromacy



Original Color

70.6373, 0.2914, 0.2969

Protanomaly

70.6373, 0.2914, 0.2969

Deuteranomaly

70.4000, 0.2961, 0.2931

Tritanomaly

70.5802, 0.2950, 0.3052

Monochromacy



Original Color

70.6373, 0.2914, 0.2969

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2816, 0.3048, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6373, 0.2914, 0.2969 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(214, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(214, 217, 247)  
}
```

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(214, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 217, 247) }
```

Border

The CSS property to change the border of an element to Yxy 70.6373, 0.2914, 0.2969 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(214, 217, 247) }
```

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

```
.border{ border-color:rgb(214, 217, 247) }
```

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

Here you see how a box with a 4 pixel rgb(214, 217, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(214, 217,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6373, 0.2914, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 217, 247) }
```

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

```
.background{ background-color: rgb(214,  
217, 247) }
```

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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