

Converting Colors

$Yxy(68.9004, 0.2987, 0.3078)$

Have a look what the booklet for
Yxy(68.9004, 0.2987, 0.3078)
contains.

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Color

Yxy(68.7452, 0.2982, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	D5D7EB
RGB	213, 215, 235
RGB Percent	84%, 84%, 92%
CMY	0.1644, 0.1569, 0.0784
CMYK	0.09, 0.09, 0.00, 0.08
HSL	235°, 35%, 88%
HSV	235°, 9%, 92%
XYZ	66.7529, 68.7452, 88.3547
YIQ	216.6820, -7.6120, 5.7960

Conversions

Conversions Part 2

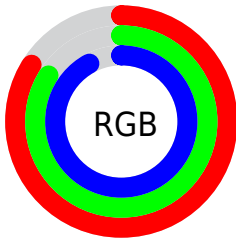
Format	Color
R _Y B	213, 215, 235
Decimal	14014443
CIE Lab	86.38, 3.16, -10.03
CIE LCh	86, 10.518, 287.470
Yxy	68.7452, 0.2982, 0.3071
Android (android.graphics.Color)	4292204523 (0xFFD5D7EB)
YUV	216.6820, 9.0308, -3.2291
Hunter-Lab	82.9127, -1.3872, -5.1426

Details

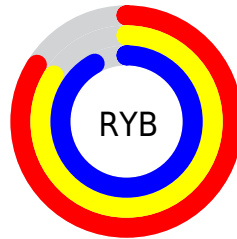
The Yxy color **68.7452, 0.2982, 0.3071** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.8068, 0.3268, 0.3500**, and the grayscale version is **69.1087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6654, 0.2946, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **55.2644, 0.2809, 0.2806**, and if you desaturate by 10%, it is **84.1740, 0.3137, 0.3305**.

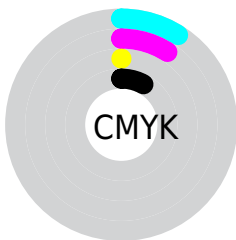
Distribution



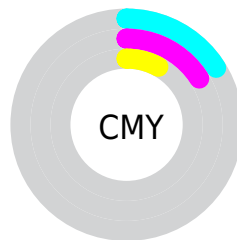
- Red (84%)
- Green (84%)
- Blue (92%)



- Red (84%)
- Yellow (84%)
- Blue (92%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (16%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.7452, 0.2982, 0.3071 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 68.7452, 0.2982, 0.3071 by changing the saturation by 10% instead.

■ 68.7452, 0.2982,
0.3071

■ 68.7452, 0.2982,
0.3071

456.1318, 0.3050,
0.3173

■ 50.5042, 0.2966,
0.3048

117.4176, 0.3006,
0.3106

■ 35.8142, 0.2947,
0.3019

148.6178, 0.3015,
0.3120

■ 24.2907, 0.2922,
0.2983

184.9065, 0.3023,
0.3132

■ 15.5494, 0.2889,
0.2935

226.6681, 0.3030,
0.3142

■ 9.2059, 0.2844,
0.2870

274.2871, 0.3036,
0.3151

■ 4.8757, 0.2778,
0.2776

328.1477, 0.3041,

■ 2.1745, 0.2672,

0.3159

0.2629

388.6345, 0.3046,
0.3166

0.7061, 0.2479,
0.2339

0.0000, 0.0000,
0.0000

68.7452, 0.2982,
0.3071

68.7452, 0.2982,
0.3071

55.2644, 0.2809,
0.2806

84.1740, 0.3137,
0.3305

43.6457, 0.2618,
0.2512

98.7787, 0.3244,
0.3483

33.8098, 0.2416,
0.2192

25.6683, 0.2207,
0.1859

■ 19.1250, 0.2005,
0.1527

■ 14.0743, 0.1823,
0.1221

■ 10.3978, 0.1675,
0.0961

■ 7.9586, 0.1572,
0.0769

■ 6.5781, 0.1516,
0.0652

Harmonies

Analogous

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



68.7452, 0.2901, 0.3100



68.7452, 0.2982, 0.3071



68.7452, 0.3103, 0.3099

Triad

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



68.7452, 0.2982, 0.3071



68.7452, 0.3382, 0.3391



68.7452, 0.3020, 0.3410

Complementary

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



68.7452, 0.2982, 0.3071



80.8068, 0.3268, 0.3500

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.



68.7452, 0.3147, 0.3492



68.7452, 0.2982, 0.3071



68.7452, 0.3358, 0.3478

Square

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



68.7452, 0.2982, 0.3071



68.7452, 0.3336, 0.3281



68.7452, 0.3271, 0.3517



68.7452, 0.2923, 0.3294

Rectangle

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



68.7452, 0.2982, 0.3071



68.7452, 0.3191, 0.3145



68.7452, 0.3271, 0.3517



68.7452, 0.3060, 0.3442

Sweetspot

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



68.7481, 0.2982, 0.3071



94.2023, 0.3082, 0.3222



79.4523, 0.2996, 0.3313



19.8394, 0.3070, 0.3204



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.



68.7481, 0.2982, 0.3071



79.7981, 0.2954, 0.3028



69.1301, 0.3044, 0.3054



14.7596, 0.2980, 0.3068



3.7016, 0.1516, 0.0658



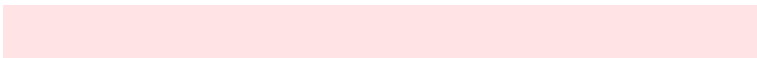
0.3633, 0.1556, 0.0801

Inverse Universe

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



70.1950, 0.3277, 0.3270



81.8498, 0.3308, 0.3266



80.4371, 0.3205, 0.3524



15.0753, 0.3279, 0.3270



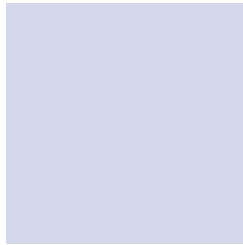
9.8665, 0.6302, 0.3245



0.7821, 0.6068, 0.3117

Previews

White Background



This preview shows how the Yxy color 68.7452, 0.2982, 0.3071 looks on a white background.

Color Contrast Check

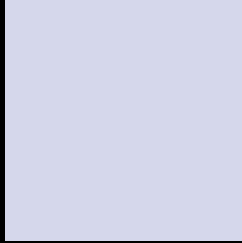
Large Text (above 18pt) WCAG AA × Fail

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 68.7452, 0.2982, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

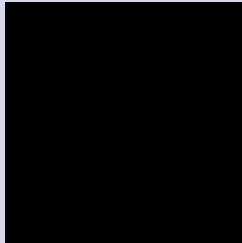
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7452, 0.2982, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 68.7452, 0.2982, 0.3071.

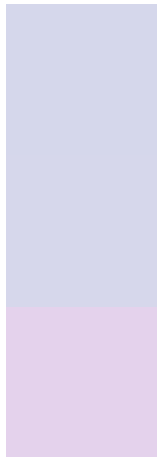


This preview shows how white text looks on a background with the Yxy color 68.7452, 0.2982, 0.3071.

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

68.7452, 0.2982, 0.3071

Protanopia

68.8952, 0.2988, 0.3072

Deuteranopia

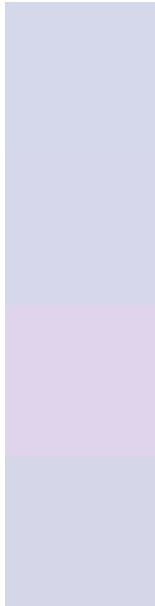
68.6433, 0.3082, 0.3014



Tritanopia

68.5732, 0.3001, 0.3103

Trichromacy



Original Color

68.7452, 0.2982, 0.3071

Protanomaly

68.8952, 0.2988, 0.3072

Deuteranomaly

68.8311, 0.3045, 0.3033

Tritanomaly

68.6302, 0.2994, 0.3093

Monochromacy



Original Color

68.7452, 0.2982, 0.3071

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.0925, 0.3074, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7452, 0.2982, 0.3071 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(213, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(213, 215, 235)  
}
```

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(213, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 215, 235) }
```

Border

The CSS property to change the border of an element to Yxy 68.7452, 0.2982, 0.3071 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(213, 215, 235) }
```

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

```
.border{ border-color:rgb(213, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(213, 215,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7452, 0.2982, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 215, 235) }
```

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

```
.background{ background-color: rgb(213,  
215, 235) }
```

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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