

Converting Colors

$Yxy(70.5977, 0.2972, 0.3121)$

Have a look what the booklet for
Yxy(70.5977, 0.2972, 0.3121)
contains.

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Color

Yxy(70.5101, 0.2968, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	D3DBEB
RGB	211, 219, 235
RGB Percent	83%, 86%, 92%
CMY	0.1727, 0.1411, 0.0784
CMYK	0.10, 0.07, 0.00, 0.08
HSL	220°, 38%, 87%
HSV	220°, 10%, 92%
XYZ	67.1827, 70.5101, 88.6639
YIQ	218.4320, -9.9040, 3.2800

Conversions

Conversions Part 2

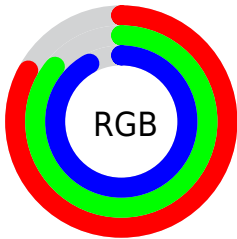
Format	Color
R _Y B	211, 217, 235
Decimal	13884395
CIE Lab	87.25, 0.36, -8.75
CIE LCh	87, 8.760, 272.386
Yxy	70.5101, 0.2968, 0.3115
Android (android.graphics.Color)	4292074475 (0xFFD3DBEB)
YUV	218.4320, 8.1680, -6.5179
Hunter-Lab	83.9703, -4.1344, -3.8249

Details

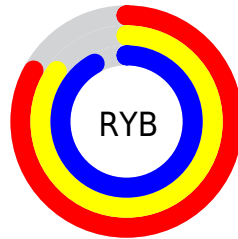
The Yxy color `70.5101, 0.2968, 0.3115` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77.2728, 0.3289, 0.3459`, and the grayscale version is `70.3705, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `36.8735, 0.2929, 0.3075` is the 20% darker color. If you saturate the color by 10%, you get `59.5170, 0.2801, 0.2923`, and if you desaturate by 10%, it is `82.7820, 0.3124, 0.3286`.

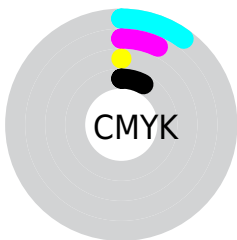
Distribution



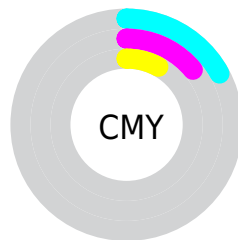
- Red (83%)
- Green (86%)
- Blue (92%)



- Red (83%)
- Yellow (85%)
- Blue (92%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (17%)
- Magenta (14%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5101, 0.2968, 0.3115 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 70.5101, 0.2968, 0.3115 by changing the saturation by 10% instead.

■ 70.5101, 0.2968,
0.3115

■ 70.5101, 0.2968,
0.3115

462.3390, 0.3042,
0.3196

■ 51.9425, 0.2951,
0.3096

119.9359, 0.2994,
0.3143

■ 36.9592, 0.2930,
0.3073

151.5629, 0.3004,
0.3154

■ 25.1759, 0.2903,
0.3044

188.3118, 0.3012,
0.3164

■ 16.2082, 0.2868,
0.3006

230.5670, 0.3020,
0.3172

■ 9.6716, 0.2821,
0.2953

278.7130, 0.3026,
0.3179

■ 5.1818, 0.2751,
0.2878

333.1340, 0.3032,

■ 2.3543, 0.2642,

0.3185

0.2758

394.2146, 0.3037,
0.3191

0.8022, 0.2442,
0.2540

0.0000, 0.0000,
0.0000

70.5101, 0.2968,
0.3115

70.5101, 0.2968,
0.3115

59.5170, 0.2801,
0.2923

82.7820, 0.3124,
0.3286

49.7510, 0.2626,
0.2709

95.7980, 0.3248,
0.3438

41.1696, 0.2446,
0.2477

98.7781, 0.3244,
0.3483

33.7244, 0.2267,
0.2229

■ 27.3632, 0.2094,
0.1972

■ 22.0294, 0.1937,
0.1715

■ 17.6602, 0.1804,
0.1469

■ 14.1842, 0.1700,
0.1246

■ 11.5499, 0.1627,
0.1058

Harmonies

Analogous

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



70.5101, 0.2924, 0.3162



70.5101, 0.2968, 0.3115



70.5101, 0.3055, 0.3114

Triad

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



70.5101, 0.2968, 0.3115



70.5101, 0.3325, 0.3329



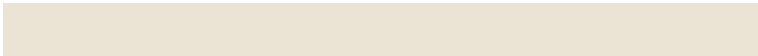
70.5101, 0.3090, 0.3427

Complementary

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



70.5101, 0.2968, 0.3115



77.2728, 0.3289, 0.3459

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.



70.5101, 0.3198, 0.3473



70.5101, 0.2968, 0.3115



70.5101, 0.3334, 0.3414

Square

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



70.5101, 0.2968, 0.3115



70.5101, 0.3261, 0.3236



70.5101, 0.3287, 0.3467



70.5101, 0.2994, 0.3343

Rectangle

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



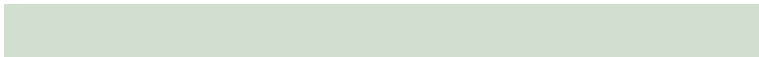
70.5101, 0.2968, 0.3115



70.5101, 0.3125, 0.3139



70.5101, 0.3287, 0.3467



70.5101, 0.3126, 0.3448

Sweetspot

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



70.5131, 0.2968, 0.3115



95.3748, 0.3082, 0.3241



78.7827, 0.3020, 0.3381



20.1547, 0.3069, 0.3227



0.0000, 0.0000, 0.0000



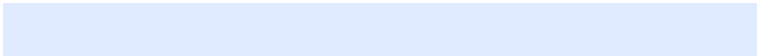
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5131, 0.2968, 0.3115



82.3481, 0.2938, 0.3081



66.9512, 0.2992, 0.3027



15.3735, 0.2980, 0.3129



6.6384, 0.1635, 0.1086



0.6928, 0.1712, 0.1362

Inverse Universe

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



69.3483, 0.3250, 0.3205



80.7646, 0.3275, 0.3189



81.1716, 0.3254, 0.3544



15.1373, 0.3240, 0.3211



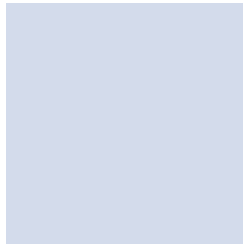
10.1630, 0.5631, 0.2876



0.8153, 0.5242, 0.2661

Previews

White Background



This preview shows how the Yxy color 70.5101, 0.2968, 0.3115 looks on a white background.

Color Contrast Check

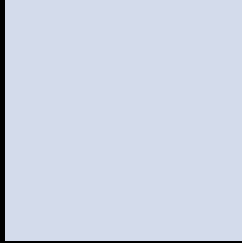
Large Text (above 18pt) WCAG AA × Fail

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 70.5101, 0.2968, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

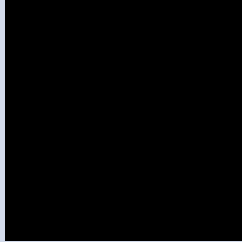
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

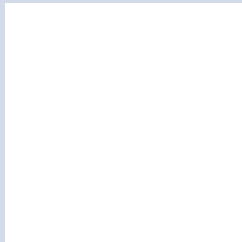
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5101, 0.2968, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 70.5101, 0.2968, 0.3115.

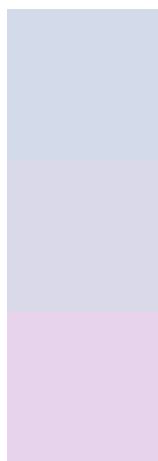


This preview shows how white text looks on a background with the Yxy color 70.5101, 0.2968, 0.3115.

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

70.5101, 0.2968, 0.3115

Protanopia

70.4716, 0.3023, 0.3106

Deuteranopia

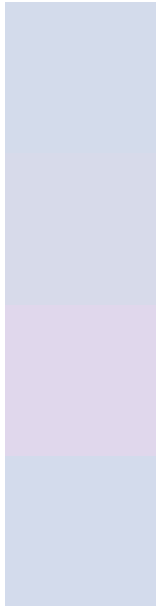
70.1320, 0.3103, 0.3037



Tritanopia

70.5680, 0.2962, 0.3104

Trichromacy



Original Color

70.5101, 0.2968, 0.3115

Protanomaly

70.5304, 0.3002, 0.3116

Deuteranomaly

70.5043, 0.3052, 0.3066

Tritanomaly

70.5680, 0.2962, 0.3104

Monochromacy



Original Color

70.5101, 0.2968, 0.3115

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.9717, 0.3066, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5101, 0.2968, 0.3115 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(211, 219, 235)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 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(211, 219, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 235) }
```

Border

The CSS property to change the border of an element to Yxy 70.5101, 0.2968, 0.3115 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(211, 219, 235) }
```

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

```
.border{ border-color:rgb(211, 219, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 219, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 235);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5101, 0.2968, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 235) }
```

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

```
.background{ background-color: rgb(211,  
219, 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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