

Converting Colors

$Yxy(65.6251, 0.3011, 0.3136)$

Have a look what the booklet for
Yxy(65.6251, 0.3011, 0.3136)
contains.

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Color

Yxy(65.4347, 0.3011, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	D0D3E1
RGB	208, 211, 225
RGB Percent	82%, 83%, 88%
CMY	0.1845, 0.1725, 0.1177
CMYK	0.08, 0.06, 0.00, 0.12
HSL	229°, 22%, 85%
HSV	229°, 8%, 88%
XYZ	62.8867, 65.4347, 80.5350
YIQ	211.6990, -6.2820, 3.7180

Conversions

Conversions Part 2

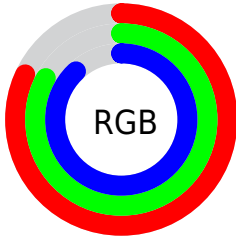
Format	Color
R _Y B	208, 211, 225
Decimal	13685729
CIE Lab	84.71, 1.61, -7.24
CIE LCh	85, 7.415, 282.510
Yxy	65.4347, 0.3011, 0.3133
Android (android.graphics.Color)	4291875809 (0xFFD0D3E1)
YUV	211.6990, 6.5574, -3.2440
Hunter-Lab	80.8917, -2.7914, -2.4044

Details

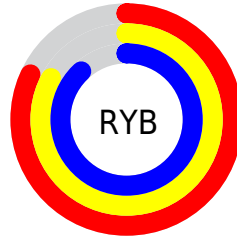
The Yxy color $65.4347, 0.3011, 0.3133$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $72.7584, 0.3242, 0.3442$, and the grayscale version is $65.5844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.8862, 0.2984, 0.3098$ is the 20% darker color. If you saturate the color by 10%, you get $53.7540, 0.2844, 0.2902$, and if you desaturate by 10%, it is $78.6364, 0.3163, 0.3337$.

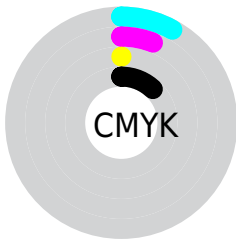
Distribution



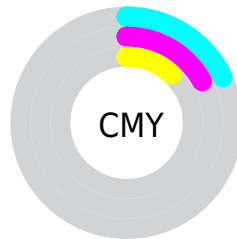
- Red (82%)
- Green (83%)
- Blue (88%)



- Red (82%)
- Yellow (83%)
- Blue (88%)



- Cyan (8%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (17%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4347, 0.3011, 0.3133 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 65.4347, 0.3011, 0.3133 by changing the saturation by 10% instead.

■ 65.4347, 0.3011,
0.3133

■ 65.4347, 0.3011,
0.3133

444.3524, 0.3066,
0.3207

■ 47.8136, 0.2998,
0.3116

112.6746, 0.3030,
0.3159

■ 33.6793, 0.2982,
0.3095

143.0622, 0.3038,
0.3169

■ 22.6474, 0.2962,
0.3067

178.4742, 0.3044,
0.3177

■ 14.3333, 0.2935,
0.3031

219.2948, 0.3050,
0.3185

■ 8.3529, 0.2897,
0.2982

265.9086, 0.3054,
0.3191

■ 4.3216, 0.2841,
0.2908

318.6998, 0.3059,

■ 1.8550, 0.2749,

0.3197

0.2790

378.0530, 0.3062,
0.3202

0.5211, 0.2506,
0.2443

0.0000, 0.0000,
0.0000

65.4347, 0.3011,
0.3133

65.4347, 0.3011,
0.3133

53.7540, 0.2844,
0.2902

78.6364, 0.3163,
0.3337

43.5312, 0.2662,
0.2643

93.4027, 0.3298,
0.3516

34.7109, 0.2470,
0.2361

98.2152, 0.3304,
0.3582

27.2309, 0.2272,
0.2061

■ 21.0245, 0.2078,
0.1753

■ 16.0189, 0.1899,
0.1454

■ 12.1335, 0.1746,
0.1182

■ 9.2776, 0.1630,
0.0953

■ 7.3406, 0.1556,
0.0783

Harmonies

Analogous

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



65.4347, 0.2959, 0.3161



65.4347, 0.3011, 0.3133



65.4347, 0.3095, 0.3146

Triad

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



65.4347, 0.3011, 0.3133



65.4347, 0.3307, 0.3351



65.4347, 0.3065, 0.3387

Complementary

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



65.4347, 0.3011, 0.3133



72.7584, 0.3242, 0.3442

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.



65.4347, 0.3158, 0.3440



65.4347, 0.3011, 0.3133



65.4347, 0.3298, 0.3417

Square

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



65.4347, 0.3011, 0.3133



65.4347, 0.3267, 0.3270



65.4347, 0.3243, 0.3450



65.4347, 0.2989, 0.3308

Rectangle

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



65.4347, 0.3011, 0.3133



65.4347, 0.3158, 0.3176



65.4347, 0.3243, 0.3450



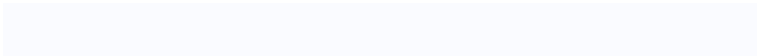
65.4347, 0.3095, 0.3409

Sweetspot

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



65.4375, 0.3011, 0.3133



96.4051, 0.3097, 0.3250



72.5108, 0.3030, 0.3324



20.6724, 0.3099, 0.3252



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.



65.4375, 0.3011, 0.3133



84.4747, 0.2987, 0.3100



64.7269, 0.3050, 0.3101



13.6395, 0.2981, 0.3092



4.1447, 0.1547, 0.0769



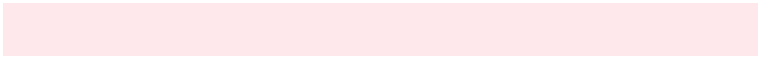
0.4061, 0.1620, 0.1032

Inverse Universe

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



65.8016, 0.3234, 0.3257



85.0676, 0.3258, 0.3250



73.5441, 0.3200, 0.3477



13.7405, 0.3264, 0.3248



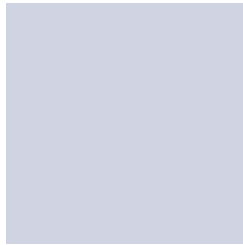
9.3264, 0.6119, 0.3145



0.6584, 0.5710, 0.2919

Previews

White Background



This preview shows how the Yxy color 65.4347, 0.3011, 0.3133 looks on a white background.

Color Contrast Check

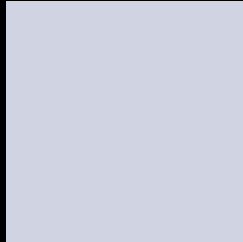
Large Text (above 18pt) WCAG AA × Fail

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 65.4347, 0.3011, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

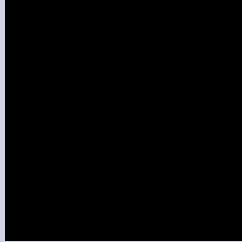
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

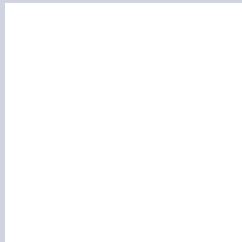
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4347, 0.3011, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 65.4347, 0.3011, 0.3133.

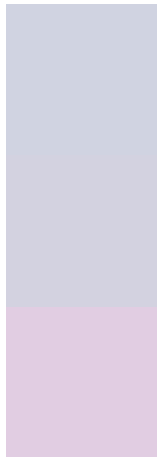


This preview shows how white text looks on a background with the Yxy color 65.4347, 0.3011, 0.3133.

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

65.4347, 0.3011, 0.3133

Protanopia

65.3239, 0.3039, 0.3133

Deuteranopia

65.1612, 0.3130, 0.3062



Tritanopia

65.5445, 0.2998, 0.3111

Trichromacy



Original Color

65.4347, 0.3011, 0.3133

Protanomaly

65.1766, 0.3032, 0.3133

Deuteranomaly

65.1767, 0.3085, 0.3081

Tritanomaly

65.4894, 0.3005, 0.3122

Monochromacy



Original Color

65.4347, 0.3011, 0.3133

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9456, 0.3086, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4347, 0.3011, 0.3133 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(208, 211, 225)` looks like.

```
.text, #text, p{  
    color:rgb(208, 211, 225)  
}
```

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(208, 211, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 211, 225) }
```

Border

The CSS property to change the border of an element to Yxy 65.4347, 0.3011, 0.3133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

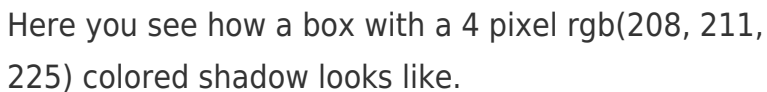
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 211, 225) }
```

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

```
.border{ border-color:rgb(208, 211, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 211, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 211, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 211, 225); box-shadow:4px 4px 4px 4px rgb(208, 211, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4347, 0.3011, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 211, 225) }
```

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

```
.background{ background-color: rgb(208,  
211, 225) }
```

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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