

Converting Colors

$Yxy(65.0916, 0.2923, 0.2967)$

Have a look what the booklet for
Yxy(65.0916, 0.2923, 0.2967)
contains.

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Color

Yxy(65.1839, 0.2927, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D0D1EE
RGB	208, 209, 238
RGB Percent	82%, 82%, 93%
CMY	0.1841, 0.1805, 0.0666
CMYK	0.13, 0.12, 0.00, 0.07
HSL	238°, 47%, 87%
HSV	238°, 13%, 93%
XYZ	64.2618, 65.1839, 90.1026
YIQ	212.0070, -9.9050, 8.8070

Conversions

Conversions Part 2

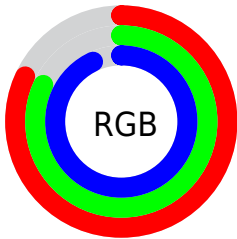
Format	Color
R _Y B	208, 209, 238
Decimal	13685230
CIE Lab	84.58, 5.31, -14.36
CIE LCh	85, 15.309, 290.312
Yxy	65.1839, 0.2927, 0.2969
Android (android.graphics.Color)	4291875310 (0xFFD0D1EE)
YUV	212.0070, 12.8145, -3.5141
Hunter-Lab	80.7365, 0.7871, -9.6525

Details

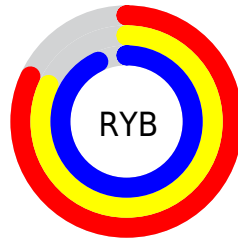
The Yxy color $65.1839, 0.2927, 0.2969$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $83.3706, 0.3317, 0.3592$, and the grayscale version is $65.7694, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.5924, 0.2874, 0.2899$ is the 20% darker color. If you saturate the color by 10%, you get $51.4768, 0.2745, 0.2676$, and if you desaturate by 10%, it is $81.0539, 0.3089, 0.3228$.

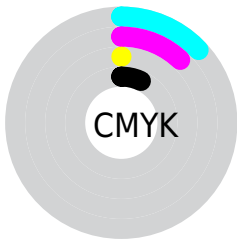
Distribution



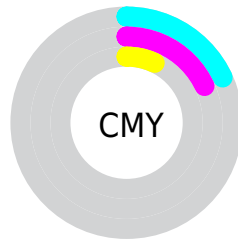
- Red (82%)
- Green (82%)
- Blue (93%)



- Red (82%)
- Yellow (82%)
- Blue (93%)



- Cyan (13%)
- Magenta (12%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (18%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1839, 0.2927, 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 65.1839, 0.2927, 0.2969 by changing the saturation by 10% instead.

■ 65.1839, 0.2927,
0.2969

■ 65.1839, 0.2927,
0.2969

443.4525, 0.3022,
0.3118

■ 47.6102, 0.2905,
0.2935

112.3142, 0.2960,
0.3021

■ 33.5183, 0.2877,
0.2892

142.6396, 0.2973,
0.3041

■ 22.5238, 0.2842,
0.2839

177.9844, 0.2984,
0.3058

■ 14.2423, 0.2795,
0.2768

218.7329, 0.2994,
0.3073

■ 8.2894, 0.2731,
0.2673

265.2696, 0.3002,
0.3087

■ 4.2807, 0.2635,
0.2534

317.9788, 0.3009,

■ 1.8318, 0.2481,

0.3098

0.2319

377.2450, 0.3016,
0.3109

■ 0.5069, 0.2181,
0.1808

■ 0.0000, 0.0000,
0.0000

■ 65.1839, 0.2927,
0.2969

■ 65.1839, 0.2927,
0.2969

■ 51.4768, 0.2745,
0.2676

■ 81.0539, 0.3089,
0.3228

■ 39.8313, 0.2546,
0.2353

■ 98.9546, 0.3226,
0.3454

■ 30.1502, 0.2335,
0.2009

■ 22.3252, 0.2121,
0.1659

■ 16.2375, 0.1920,
0.1325

■ 11.7548, 0.1746,
0.1033

■ 8.7255, 0.1614,
0.0809

■ 6.9692, 0.1534,
0.0668

■ 6.3327, 0.1504,
0.0614

Harmonies

Analogous

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



65.1839, 0.2802, 0.3001



65.1839, 0.2927, 0.2969



65.1839, 0.3109, 0.3018

Triad

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



65.1839, 0.2927, 0.2969



65.1839, 0.3507, 0.3451



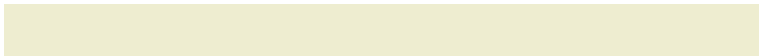
65.1839, 0.2951, 0.3453

Complementary

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



65.1839, 0.2927, 0.2969



83.3706, 0.3317, 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.



65.1839, 0.3137, 0.3584



65.1839, 0.2927, 0.2969



65.1839, 0.3460, 0.3576

Square

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



65.1839, 0.2927, 0.2969



65.1839, 0.3448, 0.3290



65.1839, 0.3323, 0.3628



65.1839, 0.2816, 0.3277

Rectangle

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



65.1839, 0.2927, 0.2969



65.1839, 0.3239, 0.3089



65.1839, 0.3323, 0.3628



65.1839, 0.3010, 0.3505

Sweetspot

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



65.1866, 0.2927, 0.2969



91.9692, 0.3067, 0.3193



80.6997, 0.2940, 0.3300



19.3720, 0.3055, 0.3175



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.



65.1866, 0.2927, 0.2969



72.0349, 0.2884, 0.2900



66.8557, 0.3026, 0.2968



15.3062, 0.2979, 0.3053



3.5659, 0.1505, 0.0619



0.3238, 0.1519, 0.0669

Inverse Universe

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



67.9283, 0.3349, 0.3281



75.8147, 0.3401, 0.3279



81.5759, 0.3219, 0.3611



15.7667, 0.3289, 0.3283



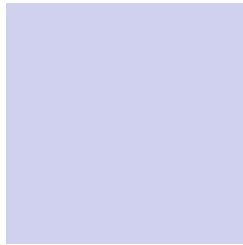
10.1533, 0.6368, 0.3282



0.8474, 0.6283, 0.3235

Previews

White Background



This preview shows how the Yxy color 65.1839, 0.2927, 0.2969 looks on a white background.

Color Contrast Check

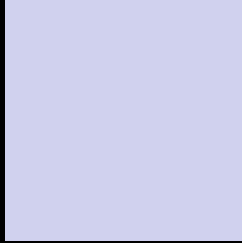
Large Text (above 18pt) WCAG AA × Fail

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 65.1839, 0.2927, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

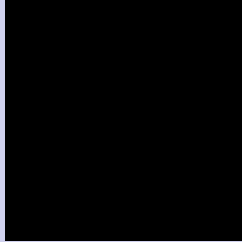
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1839, 0.2927, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 65.1839, 0.2927, 0.2969.

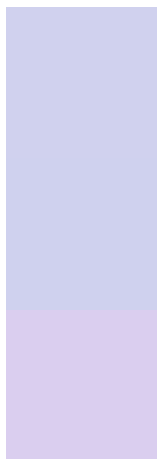


This preview shows how white text looks on a background with the Yxy color 65.1839, 0.2927, 0.2969.

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

65.1839, 0.2927, 0.2969

Protanopia

65.0394, 0.2920, 0.2969

Deuteranopia

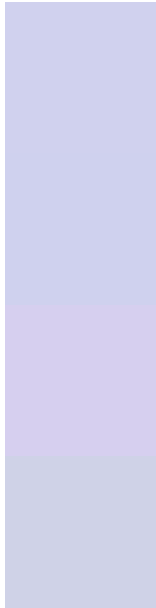
65.2800, 0.2990, 0.2933



Tritanopia

65.2564, 0.2984, 0.3110

Trichromacy



Original Color

65.1839, 0.2927, 0.2969

Protanomaly

65.0394, 0.2920, 0.2969

Deuteranomaly

65.1538, 0.2962, 0.2941

Tritanomaly

65.1281, 0.2965, 0.3055

Monochromacy



Original Color

65.1839, 0.2927, 0.2969

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6579, 0.3059, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1839, 0.2927, 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(208, 209, 238)` looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 238)  
}
```

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, 209, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 238) }
```

Border

The CSS property to change the border of an element to Yxy 65.1839, 0.2927, 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(208, 209, 238) }
```

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

```
.border{ border-color:rgb(208, 209, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 209, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 238);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1839, 0.2927, 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(208, 209, 238) }
```

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

```
.background{ background-color: rgb(208,  
209, 238) }
```

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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