

Converting Colors

$Yxy(65.0127, 0.2931, 0.3101)$

Have a look what the booklet for
Yxy(65.0127, 0.2931, 0.3101)
contains.

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Color

Yxy(65.0235, 0.2929, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	C8D4E5
RGB	200, 212, 229
RGB Percent	78%, 83%, 90%
CMY	0.2159, 0.1686, 0.1020
CMYK	0.13, 0.07, 0.00, 0.10
HSL	215°, 36%, 84%
HSV	215°, 13%, 90%
XYZ	61.4962, 65.0235, 83.4367
YIQ	210.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

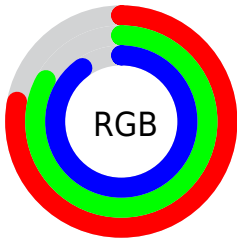
Format	Color
R _Y B	200, 208, 229
Decimal	13161701
CIE Lab	84.50, -0.72, -9.75
CIE LCh	84, 9.776, 265.791
Yxy	65.0235, 0.2929, 0.3097
Android (android.graphics.Color)	4291351781 (0xFFC8D4E5)
YUV	210.3500, 9.1945, -9.0769
Hunter-Lab	80.6372, -4.9857, -4.9024

Details

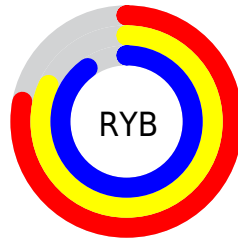
The Yxy color **65.0235, 0.2929, 0.3097** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4189, 0.3333, 0.3476**, and the grayscale version is **64.6325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.2809, 0.2878, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **55.6870, 0.2764, 0.2925**, and if you desaturate by 10%, it is **75.3928, 0.3086, 0.3252**.

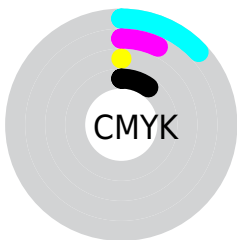
Distribution



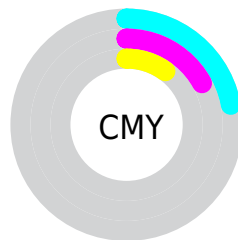
- Red (78%)
- Green (83%)
- Blue (90%)



- Red (78%)
- Yellow (82%)
- Blue (90%)



- Cyan (13%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (22%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0235, 0.2929, 0.3097 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 65.0235, 0.2929, 0.3097 by changing the saturation by 10% instead.

■ 65.0235, 0.2929,
0.3097

■ 65.0235, 0.2929,
0.3097

442.8764, 0.3022,
0.3188

■ 47.4801, 0.2907,
0.3076

112.0836, 0.2962,
0.3129

■ 33.4154, 0.2880,
0.3049

142.3692, 0.2974,
0.3141

■ 22.4448, 0.2846,
0.3016

177.6710, 0.2985,
0.3152

■ 14.1841, 0.2800,
0.2971

218.3733, 0.2994,
0.3161

■ 8.2488, 0.2737,
0.2908

264.8606, 0.3003,
0.3169

■ 4.2546, 0.2644,
0.2817

317.5173, 0.3010,

■ 1.8170, 0.2494,

0.3176

0.2668

376.7278, 0.3016,
0.3182

0.4977, 0.2070,
0.2262

0.0000, 0.0000,
0.0000

65.0235, 0.2929,
0.3097

65.0235, 0.2929,
0.3097

55.6870, 0.2764,
0.2925

75.3928, 0.3086,
0.3252

47.3408, 0.2593,
0.2734

86.8192, 0.3234,
0.3389

39.9512, 0.2421,
0.2528

96.6541, 0.3283,
0.3516

33.4792, 0.2253,
0.2309

98.4371, 0.3280,
0.3542

■ 27.8829, 0.2095,
0.2081

■ 23.1162, 0.1953,
0.1852

■ 19.1278, 0.1834,
0.1630

■ 15.8580, 0.1742,
0.1423

■ 13.8612, 0.1690,
0.1284

Harmonies

Analogous

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



65.0235, 0.2892, 0.3161



65.0235, 0.2929, 0.3097



65.0235, 0.3019, 0.3084

Triad

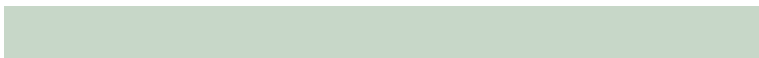
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.0235, 0.2929, 0.3097



65.0235, 0.3343, 0.3311



65.0235, 0.3112, 0.3464

Complementary

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



65.0235, 0.2929, 0.3097



70.4189, 0.3333, 0.3476

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.



65.0235, 0.3233, 0.3504



65.0235, 0.2929, 0.3097



65.0235, 0.3368, 0.3412

Square

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



65.0235, 0.2929, 0.3097



65.0235, 0.3258, 0.3207



65.0235, 0.3328, 0.3484



65.0235, 0.2996, 0.3375

Rectangle

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



65.0235, 0.2929, 0.3097



65.0235, 0.3098, 0.3106



65.0235, 0.3328, 0.3484



65.0235, 0.3153, 0.3484

Sweetspot

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



65.0262, 0.2929, 0.3097



94.3703, 0.3066, 0.3232



73.3158, 0.3007, 0.3426



19.9778, 0.3054, 0.3221



0.0000, 0.0000, 0.0000



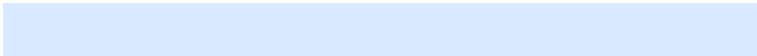
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0262, 0.2929, 0.3097



80.0055, 0.2890, 0.3057



59.5539, 0.2943, 0.2958



14.8657, 0.2981, 0.3149



8.1502, 0.1698, 0.1313



0.7820, 0.1778, 0.1600

Inverse Universe

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



62.7001, 0.3266, 0.3158



76.6193, 0.3297, 0.3132



76.4687, 0.3299, 0.3605



14.4668, 0.3227, 0.3193



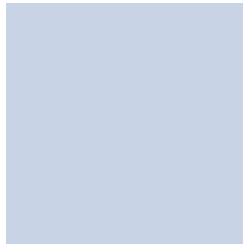
10.0205, 0.5309, 0.2698



0.7586, 0.4931, 0.2490

Previews

White Background



This preview shows how the Yxy color 65.0235, 0.2929, 0.3097 looks on a white background.

Color Contrast Check

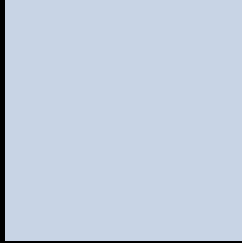
Large Text (above 18pt) WCAG AA × Fail

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 65.0235, 0.2929, 0.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

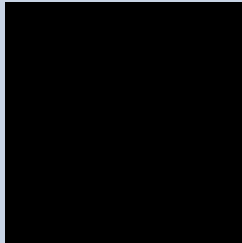
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

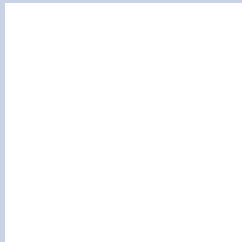
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0235, 0.2929, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 65.0235, 0.2929, 0.3097.

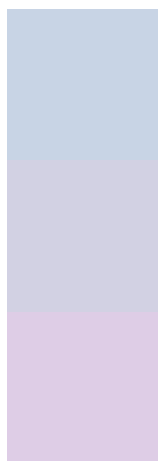


This preview shows how white text looks on a background with the Yxy color 65.0235, 0.2929, 0.3097.

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

65.0235, 0.2929, 0.3097

Protanopia

64.8486, 0.3012, 0.3089

Deuteranopia

64.9054, 0.3080, 0.3018



Tritanopia

65.0235, 0.2929, 0.3097

Trichromacy



Original Color

65.0235, 0.2929, 0.3097

Protanomaly

64.8164, 0.2977, 0.3087

Deuteranomaly

65.1211, 0.3021, 0.3047

Tritanomaly

65.0235, 0.2929, 0.3097

Monochromacy



Original Color

65.0235, 0.2929, 0.3097

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7201, 0.3050, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0235, 0.2929, 0.3097 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(200, 212, 229)` looks like.

```
.text, #text, p{  
    color:rgb(200, 212, 229)  
}
```

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(200, 212, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 212, 229) }
```

Border

The CSS property to change the border of an element to Yxy 65.0235, 0.2929, 0.3097 is called "border". The border property can be set on classes, ids or directly on the HTML element.

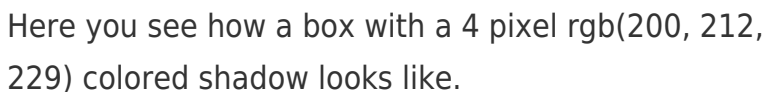
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 212, 229) }
```

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

```
.border{ border-color:rgb(200, 212, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 212, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 212, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 212, 229);  
box-shadow:4px 4px 4px 4px rgb(200, 212,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0235, 0.2929, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 212, 229) }
```

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

```
.background{ background-color: rgb(200,  
212, 229) }
```

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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