

Converting Colors

Yxy(68.0327, 0.2921, 0.3139)

Have a look what the booklet for
Yxy(68.0327, 0.2921, 0.3139)
contains.

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Color

Yxy(68.1917, 0.2919, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	C8DAE7
RGB	200, 218, 231
RGB Percent	78%, 85%, 91%
CMY	0.2154, 0.1452, 0.0940
CMYK	0.13, 0.06, 0.00, 0.09
HSL	205°, 39%, 85%
HSV	205°, 13%, 91%
XYZ	63.3317, 68.1917, 85.4403
YIQ	214.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

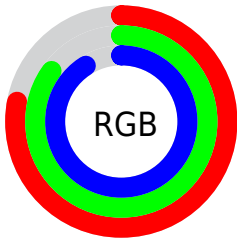
Format	Color
R _{YB}	200, 211, 231
Decimal	13163239
CIE Lab	86.10, -3.38, -8.43
CIE LCh	86, 9.086, 248.154
Yxy	68.1917, 0.2919, 0.3143
Android (android.graphics.Color)	4291353319 (0xFFC8DAE7)
YUV	214.1000, 8.3317, -12.3657
Hunter-Lab	82.5783, -7.6150, -3.5401

Details

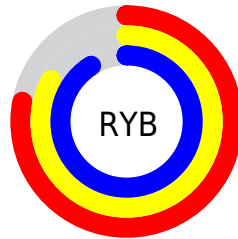
The Yxy color **68.1917, 0.2919, 0.3143** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.8128, 0.3353, 0.3433**, and the grayscale version is **67.2763, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4005, 0.2874, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **60.3479, 0.2760, 0.3019**, and if you desaturate by 10%, it is **76.8183, 0.3075, 0.3255**.

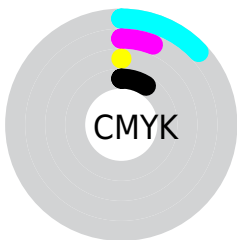
Distribution



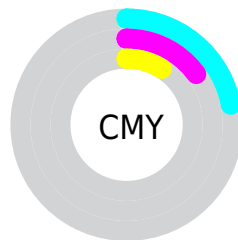
- Red (78%)
- Green (85%)
- Blue (91%)



- Red (78%)
- Yellow (83%)
- Blue (91%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1917, 0.2919, 0.3143 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 68.1917, 0.2919, 0.3143 by changing the saturation by 10% instead.

■ 68.1917, 0.2919,
0.3143

■ 68.1917, 0.2919,
0.3143

454.1749, 0.3016,
0.3212

■ 50.0537, 0.2897,
0.3127

116.6263, 0.2953,
0.3167

■ 35.4561, 0.2869,
0.3107

147.6918, 0.2966,
0.3177

■ 24.0144, 0.2834,
0.3081

183.8352, 0.2977,
0.3185

■ 15.3443, 0.2788,
0.3047

225.4409, 0.2987,
0.3192

■ 9.0614, 0.2725,
0.3000

272.8933, 0.2996,
0.3198

■ 4.7812, 0.2632,
0.2930

326.5769, 0.3003,

■ 2.1195, 0.2487,

0.3203

386.8759, 0.3010,
0.3208

0.2818

0.6756, 0.2146,
0.2591

0.0000, 0.0000,
0.0000

68.1917, 0.2919,
0.3143

68.1917, 0.2919,
0.3143

60.3479, 0.2760,
0.3019

76.8183, 0.3075,
0.3255

53.2520, 0.2602,
0.2884

86.2444, 0.3226,
0.3355

46.8784, 0.2447,
0.2738

93.6656, 0.3276,
0.3448

41.1968, 0.2301,
0.2582

98.5507, 0.3268,
0.3522

■ 36.1739, 0.2167,
0.2421

■ 31.7730, 0.2050,
0.2255

■ 27.9525, 0.1954,
0.2091

■ 24.6626, 0.1880,
0.1930

■ 22.7324, 0.1841,
0.1827

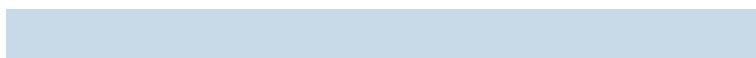
Harmonies

Analogous

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



68.1917, 0.2918, 0.3224



68.1917, 0.2919, 0.3143



68.1917, 0.2975, 0.3102

Triad

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



68.1917, 0.2919, 0.3143



68.1917, 0.3284, 0.3252



68.1917, 0.3180, 0.3477

Complementary

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



68.1917, 0.2919, 0.3143



68.8128, 0.3353, 0.3433

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.



68.1917, 0.3280, 0.3481



68.1917, 0.2919, 0.3143



68.1917, 0.3341, 0.3350

Square

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



68.1917, 0.2919, 0.3143



68.1917, 0.3185, 0.3166



68.1917, 0.3339, 0.3434



68.1917, 0.3067, 0.3420

Rectangle

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



68.1917, 0.2919, 0.3143



68.1917, 0.3036, 0.3103



68.1917, 0.3339, 0.3434



68.1917, 0.3216, 0.3485

Sweetspot

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



68.1945, 0.2919, 0.3143



95.4050, 0.3065, 0.3248



74.2563, 0.3031, 0.3494



20.2395, 0.3054, 0.3240



0.0000, 0.0000, 0.0000



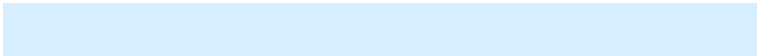
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1945, 0.2919, 0.3143



82.5840, 0.2876, 0.3111



60.6101, 0.2914, 0.2966



15.2654, 0.2981, 0.3189



12.9924, 0.1848, 0.1852



1.1430, 0.1912, 0.2082

Inverse Universe

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



63.3977, 0.3238, 0.3096



75.6162, 0.3263, 0.3056



76.8968, 0.3331, 0.3594



14.5071, 0.3202, 0.3155



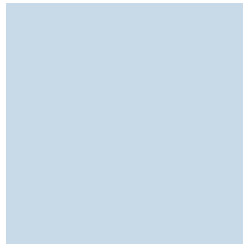
10.5093, 0.4624, 0.2321



0.7951, 0.4361, 0.2176

Previews

White Background



This preview shows how the Yxy color 68.1917, 0.2919, 0.3143 looks on a white background.

Color Contrast Check

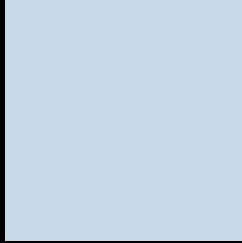
Large Text (above 18pt) WCAG AA × Fail

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 68.1917, 0.2919, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

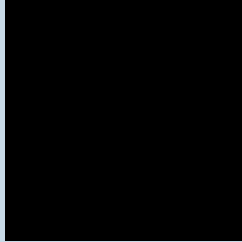
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

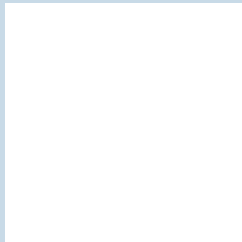
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1917, 0.2919, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 68.1917, 0.2919, 0.3143.

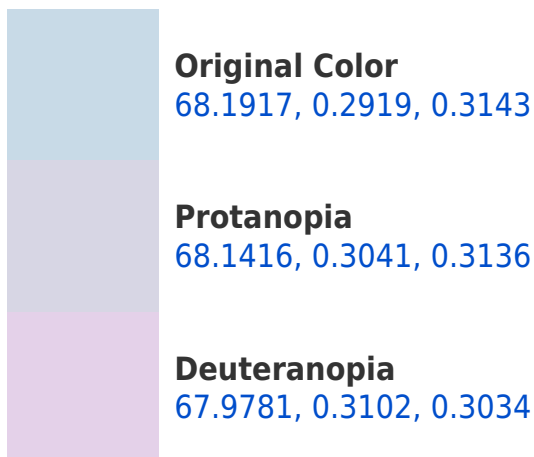


This preview shows how white text looks on a background with the Yxy color 68.1917, 0.2919, 0.3143.

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

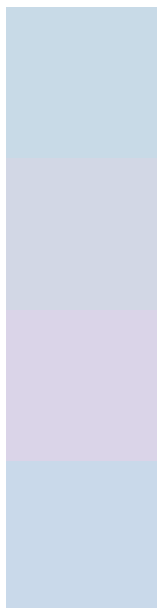




Tritanopia

68.0414, 0.2900, 0.3089

Trichromacy



Original Color

68.1917, 0.2919, 0.3143

Protanomaly

67.9597, 0.2999, 0.3135

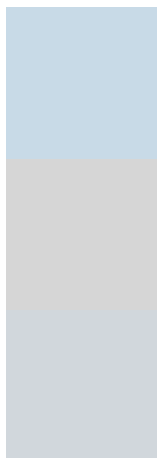
Deuteranomaly

67.8186, 0.3036, 0.3072

Tritanomaly

67.9837, 0.2907, 0.3099

Monochromacy



Original Color

68.1917, 0.2919, 0.3143

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3235, 0.3051, 0.3234

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1917, 0.2919, 0.3143 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, 218, 231)` looks like.

```
.text, #text, p{  
    color:rgb(200, 218, 231)  
}
```

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, 218, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 218, 231) }
```

Border

The CSS property to change the border of an element to Yxy 68.1917, 0.2919, 0.3143 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, 218, 231) }
```

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

```
.border{ border-color:rgb(200, 218, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 218, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 218, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 218, 231);  
box-shadow:4px 4px 4px 4px rgb(200, 218,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1917, 0.2919, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 218, 231) }
```

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

```
.background{ background-color: rgb(200,  
218, 231) }
```

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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