

Converting Colors

$Yxy(67.9310, 0.2897, 0.3077)$

Have a look what the booklet for
Yxy(67.9310, 0.2897, 0.3077)
contains.

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Color

Yxy(68.0993, 0.2894, 0.3078)

Conversions

Conversions Part 1

Format	Color
Hex	C9D9EC
RGB	201, 217, 236
RGB Percent	79%, 85%, 93%
CMY	0.2120, 0.1489, 0.0746
CMYK	0.15, 0.08, 0.00, 0.07
HSL	212°, 48%, 86%
HSV	212°, 15%, 93%
XYZ	64.0284, 68.0993, 89.1176
YIQ	214.3820, -15.6350, 2.5170

Conversions

Conversions Part 2

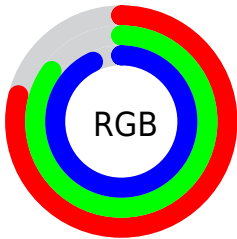
Format	Color
R _Y B	201, 212, 236
Decimal	13228524
CIE Lab	86.06, -1.59, -11.12
CIE LCh	86, 11.235, 261.881
Yxy	68.0993, 0.2894, 0.3078
Android (android.graphics.Color)	4291418604 (0xFFC9D9EC)
YUV	214.3820, 10.6577, -11.7360
Hunter-Lab	82.5223, -5.9173, -6.2629

Details

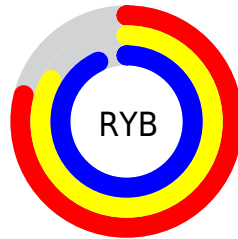
The Yxy color **68.0993, 0.2894, 0.3078** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.1886, 0.3374, 0.3493**, and the grayscale version is **67.4465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3390, 0.2842, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **58.7463, 0.2729, 0.2915**, and if you desaturate by 10%, it is **78.4702, 0.3053, 0.3225**.

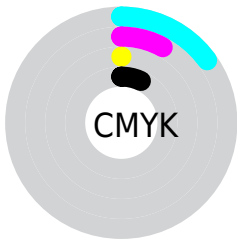
Distribution



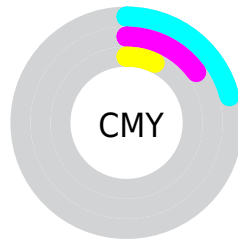
- Red (79%)
- Green (85%)
- Blue (93%)



- Red (79%)
- Yellow (83%)
- Blue (93%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0993, 0.2894, 0.3078 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 68.0993, 0.2894, 0.3078 by changing the saturation by 10% instead.

■ 68.0993, 0.2894,
0.3078

■ 68.0993, 0.2894,
0.3078

453.8478, 0.3003,
0.3177

■ 49.9785, 0.2869,
0.3055

116.4942, 0.2932,
0.3113

■ 35.3963, 0.2838,
0.3027

147.5371, 0.2946,
0.3126

■ 23.9683, 0.2799,
0.2990

183.6562, 0.2959,
0.3138

■ 15.3101, 0.2747,
0.2942

225.2358, 0.2970,
0.3148

■ 9.0373, 0.2677,
0.2877

272.6604, 0.2980,
0.3156

■ 4.7655, 0.2574,
0.2781

326.3143, 0.2988,

■ 2.1104, 0.2413,

0.3164

386.5820, 0.2996,
0.3171

0.2628

0.6704, 0.2075,
0.2324

0.0000, 0.0000,
0.0000

68.0993, 0.2894,
0.3078

68.0993, 0.2894,
0.3078

58.7463, 0.2729,
0.2915

78.4702, 0.3053,
0.3225

50.3683, 0.2561,
0.2736

89.8830, 0.3204,
0.3355

42.9317, 0.2394,
0.2542

98.8355, 0.3238,
0.3473

36.3973, 0.2233,
0.2338

■ 30.7227, 0.2084,
0.2126

■ 25.8610, 0.1952,
0.1913

■ 21.7594, 0.1844,
0.1705

■ 18.3556, 0.1761,
0.1510

■ 16.8314, 0.1727,
0.1416

Harmonies

Analogous

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



68.0993, 0.2861, 0.3157



68.0993, 0.2894, 0.3078



68.0993, 0.2989, 0.3056

Triad

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



68.0993, 0.2894, 0.3078



68.0993, 0.3362, 0.3297



68.0993, 0.3128, 0.3497

Complementary

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



68.0993, 0.2894, 0.3078



73.1886, 0.3374, 0.3493

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.



68.0993, 0.3263, 0.3533



68.0993, 0.2894, 0.3078



68.0993, 0.3401, 0.3414

Square

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



68.0993, 0.2894, 0.3078



68.0993, 0.3259, 0.3182



68.0993, 0.3364, 0.3502



68.0993, 0.2994, 0.3402

Rectangle

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



68.0993, 0.2894, 0.3078



68.0993, 0.3075, 0.3075



68.0993, 0.3364, 0.3502



68.0993, 0.3175, 0.3517

Sweetspot

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



68.1021, 0.2894, 0.3078



94.6440, 0.3066, 0.3236



77.5433, 0.2997, 0.3471



20.0470, 0.3054, 0.3226



0.0000, 0.0000, 0.0000



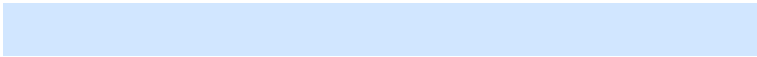
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1021, 0.2894, 0.3078



77.4686, 0.2841, 0.3027



60.3775, 0.2896, 0.2894



15.6873, 0.2980, 0.3159



9.5311, 0.1735, 0.1445



0.9388, 0.1808, 0.1708

Inverse Universe

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



64.5910, 0.3283, 0.3118



72.6318, 0.3323, 0.3079



81.8312, 0.3342, 0.3659



15.1690, 0.3221, 0.3182



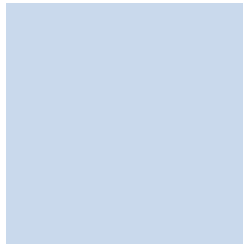
10.4550, 0.5131, 0.2600



0.8402, 0.4797, 0.2416

Previews

White Background



This preview shows how the Yxy color 68.0993, 0.2894, 0.3078 looks on a white background.

Color Contrast Check

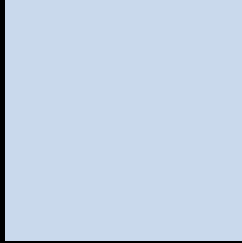
Large Text (above 18pt) WCAG AA × Fail

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 68.0993, 0.2894, 0.3078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

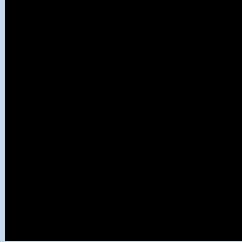
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

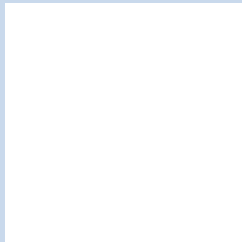
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0993, 0.2894, 0.3078

Background



This preview shows how black text looks on a background with the Yxy color 68.0993, 0.2894, 0.3078.



This preview shows how white text looks on a background with the Yxy color 68.0993, 0.2894, 0.3078.

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

68.0993, 0.2894, 0.3078

Protanopia

68.1798, 0.2988, 0.3071

Deuteranopia

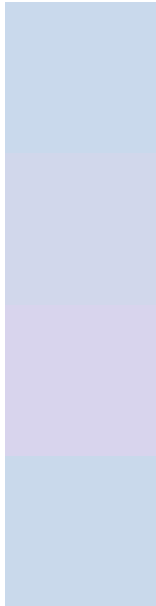
67.7815, 0.3047, 0.2981



Tritanopia

68.0414, 0.2900, 0.3089

Trichromacy



Original Color

68.0993, 0.2894, 0.3078

Protanomaly

68.1543, 0.2954, 0.3069

Deuteranomaly

67.8003, 0.2989, 0.3018

Tritanomaly

68.0414, 0.2900, 0.3089

Monochromacy



Original Color

68.0993, 0.2894, 0.3078

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.4301, 0.3038, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0993, 0.2894, 0.3078 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(201, 217, 236)` looks like.

```
.text, #text, p{  
    color:rgb(201, 217, 236)  
}
```

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(201, 217, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 217, 236) }
```

Border

The CSS property to change the border of an element to Yxy 68.0993, 0.2894, 0.3078 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(201, 217, 236) }
```

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

```
.border{ border-color:rgb(201, 217, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 217, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 217, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 217, 236);  
box-shadow:4px 4px 4px 4px rgb(201, 217,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0993, 0.2894, 0.3078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 217, 236) }
```

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

```
.background{ background-color: rgb(201,  
217, 236) }
```

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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