

Converting Colors

$Yxy(67.6989, 0.2813, 0.2999)$

Have a look what the booklet for
Yxy(67.6989, 0.2813, 0.2999)
contains.

Yxy(67.6989, 0.2813, 0.2999)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.6989, 0.2813, 0.2999)

Conversions

Conversions Part 1

Format	Color
Hex	C3D9F3
RGB	195, 217, 243
RGB Percent	76%, 85%, 95%
CMY	0.2353, 0.1490, 0.0469
CMYK	0.20, 0.11, 0.00, 0.05
HSL	213°, 67%, 86%
HSV	213°, 20%, 95%
XYZ	63.5002, 67.6989, 94.5392
YIQ	213.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

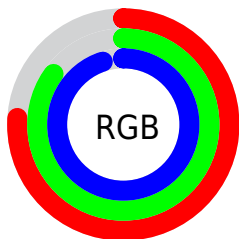
Format	Color
R_{YB}	195, 210, 243
Decimal	12835315
CIE _{Lab}	85.86, -1.93, -15.19
CIE _{LCh}	86, 15.310, 262.752
Yxy	67.6989, 0.2813, 0.2999
Android (android.graphics.Color)	4291025395 (0xFFC3D9F3)
YUV	213.3860, 14.5997, -16.1245
Hunter-Lab	82.2793, -6.2291, -10.5288

Details

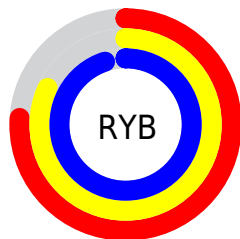
The Yxy color **67.6989, 0.2813, 0.2999** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.7325, 0.3467, 0.3565**, and the grayscale version is **66.7253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **35.0912, 0.2739, 0.2924** is the 20% darker color. If you saturate the color by 10%, you get **58.2014, 0.2646, 0.2827**, and if you desaturate by 10%, it is **78.2708, 0.2975, 0.3154**.

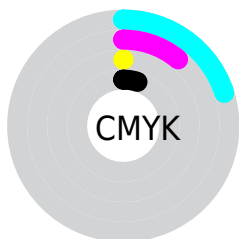
Distribution



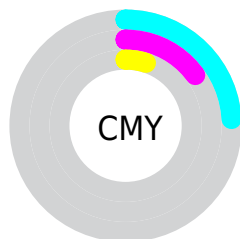
- Red (76%)
- Green (85%)
- Blue (95%)



- Red (76%)
- Yellow (82%)
- Blue (95%)



- Cyan (20%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (24%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6989, 0.2813, 0.2999 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 67.6989, 0.2813, 0.2999 by changing the saturation by 10% instead.

■ 67.6989, 0.2813,
0.2999

■ 67.6989, 0.2813,
0.2999

■ 452.4285, 0.2959,
0.3135

■ 49.6528, 0.2780,
0.2968

■ 115.9213, 0.2864,
0.3046

■ 35.1376, 0.2738,
0.2929

■ 146.8664, 0.2883,
0.3065

■ 23.7689, 0.2686,
0.2879

■ 182.8800, 0.2900,
0.3081

■ 15.1623, 0.2617,
0.2814

■ 224.3464, 0.2915,
0.3094

■ 8.9334, 0.2524,
0.2725

■ 271.6500, 0.2928,
0.3107

■ 4.6977, 0.2389,
0.2596

■ 325.1753, 0.2940,

■ 2.0710, 0.2181,

0.3117

0.2395

385.3067, 0.2950,
0.3127

0.6483, 0.1762,
0.2008

0.0000, 0.0000,
0.0000

67.6989, 0.2813,
0.2999

67.6989, 0.2813,
0.2999

58.2014, 0.2646,
0.2827

78.2708, 0.2975,
0.3154

49.7321, 0.2477,
0.2640

89.9447, 0.3131,
0.3293

42.2530, 0.2312,
0.2440

99.2530, 0.3197,
0.3405

35.7203, 0.2156,
0.2231

■ 30.0864, 0.2015,
0.2017

■ 25.2977, 0.1894,
0.1805

■ 21.2931, 0.1798,
0.1603

■ 17.9816, 0.1727,
0.1415

■ 17.9092, 0.1725,
0.1411

Harmonies

Analogous

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



67.6989, 0.2766, 0.3103



67.6989, 0.2813, 0.2999



67.6989, 0.2943, 0.2974

Triad

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



67.6989, 0.2813, 0.2999



67.6989, 0.3452, 0.3303



67.6989, 0.3121, 0.3573

Complementary

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



67.6989, 0.2813, 0.2999



74.7325, 0.3467, 0.3565

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.



67.6989, 0.3307, 0.3624



67.6989, 0.2813, 0.2999



67.6989, 0.3502, 0.3461

Square

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



67.6989, 0.2813, 0.2999



67.6989, 0.3312, 0.3147



67.6989, 0.3448, 0.3580



67.6989, 0.2940, 0.3438

Rectangle

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



67.6989, 0.2813, 0.2999



67.6989, 0.3061, 0.3002



67.6989, 0.3448, 0.3580



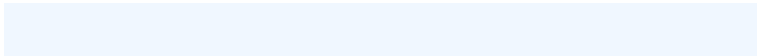
67.6989, 0.3185, 0.3601

Sweetspot

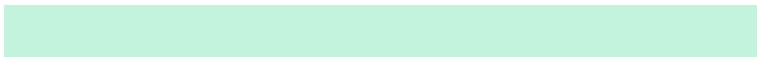
The Sweet Spot groups the original color and five complimentary colors.



67.7017, 0.2813, 0.2999



92.0355, 0.3035, 0.3208



80.9235, 0.2955, 0.3539



19.5197, 0.3024, 0.3199



0.0000, 0.0000, 0.0000



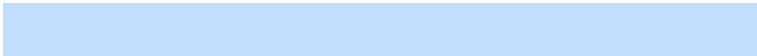
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7017, 0.2813, 0.2999



70.8148, 0.2742, 0.2927



57.3218, 0.2808, 0.2746



17.1772, 0.2980, 0.3158



10.0889, 0.1733, 0.1440



1.0897, 0.1799, 0.1677

Inverse Universe

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



63.1021, 0.3345, 0.3059



65.0194, 0.3405, 0.3006



86.8379, 0.3414, 0.3785



16.6088, 0.3222, 0.3182



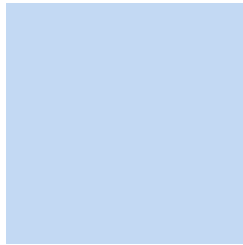
11.1179, 0.5138, 0.2604



0.9976, 0.4835, 0.2437

Previews

White Background



This preview shows how the Yxy color 67.6989, 0.2813, 0.2999 looks on a white background.

Color Contrast Check

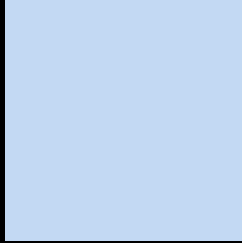
Large Text (above 18pt) WCAG AA × Fail

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 67.6989, 0.2813, 0.2999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

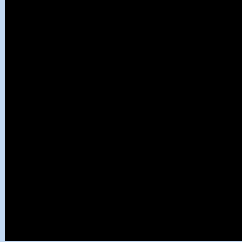
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

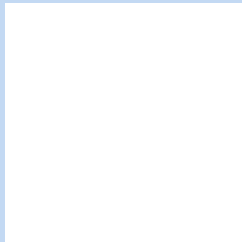
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6989, 0.2813, 0.2999

Background



This preview shows how black text looks on a background with the Yxy color 67.6989, 0.2813, 0.2999.

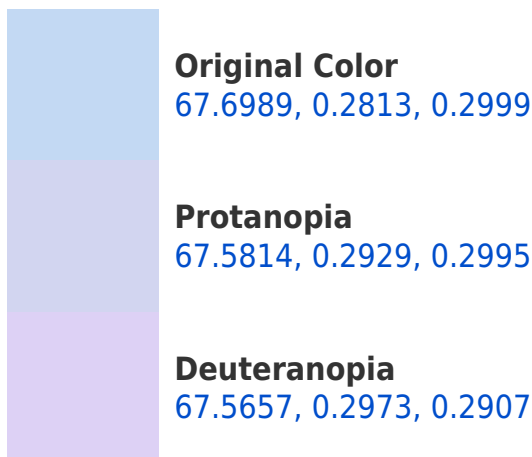


This preview shows how white text looks on a background with the Yxy color 67.6989, 0.2813, 0.2999.

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

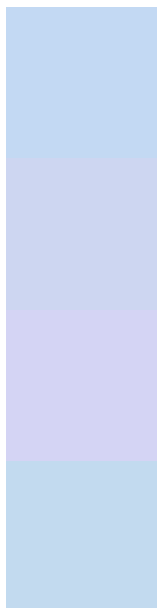




Tritanopia

67.6683, 0.2849, 0.3086

Trichromacy



Original Color

67.6989, 0.2813, 0.2999

Protanomaly

67.4231, 0.2889, 0.2992

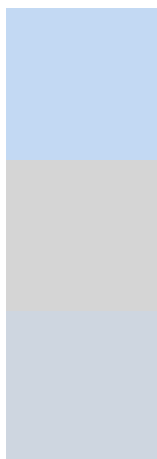
Deuteranomaly

67.6157, 0.2917, 0.2943

Tritanomaly

67.8441, 0.2831, 0.3053

Monochromacy



Original Color

67.6989, 0.2813, 0.2999

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5968, 0.3003, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6989, 0.2813, 0.2999 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(195, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(195, 217, 243)  
}
```

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(195, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 217, 243) }
```

Border

The CSS property to change the border of an element to Yxy 67.6989, 0.2813, 0.2999 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(195, 217, 243) }
```

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

```
.border{ border-color:rgb(195, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(195, 217,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6989, 0.2813, 0.2999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 217, 243) }
```

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

```
.background{ background-color: rgb(195,  
217, 243) }
```

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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