

Converting Colors

Yxy(69.2542, 0.2847, 0.3106)

Have a look what the booklet for
Yxy(69.2542, 0.2847, 0.3106)
contains.

Yxy(69.4294, 0.2851, 0.3110)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4294, 0.2851, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	C3DDED
RGB	195, 221, 237
RGB Percent	76%, 87%, 93%
CMY	0.2353, 0.1333, 0.0706
CMYK	0.18, 0.07, 0.00, 0.07
HSL	203°, 54%, 85%
HSV	203°, 18%, 93%
XYZ	63.6473, 69.4294, 90.1689
YIQ	215.0500, -20.6320, -0.5360

Conversions

Conversions Part 2

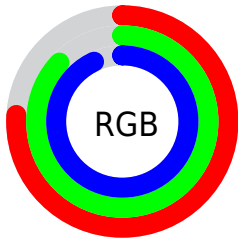
Format	Color
R _Y B	195, 211, 237
Decimal	12836333
CIE Lab	86.72, -5.30, -10.72
CIE LCh	87, 11.958, 243.671
Yxy	69.4294, 0.2851, 0.3110
Android (android.graphics.Color)	4291026413 (0xFFC3DDED)
YUV	215.0500, 10.8213, -17.5839
Hunter-Lab	83.3243, -9.4702, -5.8333

Details

The Yxy color **69.4294, 0.2851, 0.3110** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.5309, 0.3440, 0.3463**, and the grayscale version is **67.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **36.2714, 0.2788, 0.3068** is the 20% darker color. If you saturate the color by 10%, you get **61.8828, 0.2694, 0.2994**, and if you desaturate by 10%, it is **77.7391, 0.3008, 0.3216**.

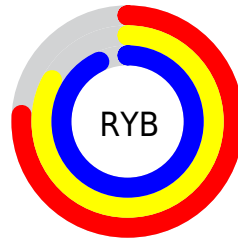
Distribution



Red (76%)

Green (87%)

Blue (93%)



Red (76%)

Yellow (83%)

Blue (93%)

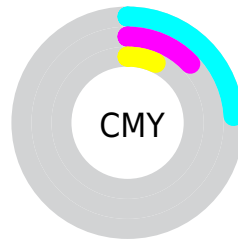


Cyan (18%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4294, 0.2851, 0.3110 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 69.4294, 0.2851, 0.3110 by changing the saturation by 10% instead.

■ 69.4294, 0.2851,
0.3110

■ 69.4294, 0.2851,
0.3110

■ 458.5440, 0.2979,
0.3195

■ 51.0615, 0.2822,
0.3090

■ 118.3947, 0.2895,
0.3140

■ 36.2575, 0.2786,
0.3066

■ 149.7608, 0.2913,
0.3151

■ 24.6332, 0.2740,
0.3034

■ 186.2285, 0.2927,
0.3161

■ 15.8040, 0.2680,
0.2993

■ 228.1822, 0.2940,
0.3170

■ 9.3855, 0.2599,
0.2935

■ 276.0061, 0.2952,
0.3177

■ 4.9935, 0.2482,
0.2851

■ 330.0848, 0.2962,

■ 2.2434, 0.2301,

0.3184

0.2716

390.8027, 0.2971,
0.3190

0.7435, 0.1918,
0.2470

0.0000, 0.0000,
0.0000

69.4294, 0.2851,
0.3110

69.4294, 0.2851,
0.3110

61.8828, 0.2694,
0.2994

77.7391, 0.3008,
0.3216

55.0630, 0.2540,
0.2868

86.8291, 0.3162,
0.3311

48.9434, 0.2393,
0.2733

94.5609, 0.3238,
0.3398

43.4920, 0.2257,
0.2590

98.8946, 0.3232,
0.3464

■ 38.6735, 0.2136,
0.2443

■ 34.4484, 0.2034,
0.2294

■ 30.7709, 0.1953,
0.2147

■ 27.5805, 0.1893,
0.2003

■ 26.9025, 0.1881,
0.1970

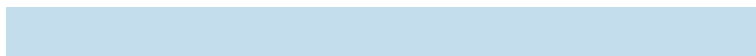
Harmonies

Analogous

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



69.4294, 0.2861, 0.3222



69.4294, 0.2851, 0.3110



69.4294, 0.2913, 0.3049

Triad

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



69.4294, 0.2851, 0.3110



69.4294, 0.3316, 0.3221



69.4294, 0.3217, 0.3541

Complementary

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



69.4294, 0.2851, 0.3110



68.5309, 0.3440, 0.3463

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.



69.4294, 0.3343, 0.3535



69.4294, 0.2851, 0.3110



69.4294, 0.3401, 0.3348

Square

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



69.4294, 0.2851, 0.3110



69.4294, 0.3180, 0.3114



69.4294, 0.3411, 0.3463



69.4294, 0.3070, 0.3476

Rectangle

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



69.4294, 0.2851, 0.3110



69.4294, 0.2988, 0.3044



69.4294, 0.3411, 0.3463



69.4294, 0.3263, 0.3547

Sweetspot

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



69.4323, 0.2851, 0.3110



94.6025, 0.3050, 0.3242



76.8451, 0.3013, 0.3591



20.0905, 0.3039, 0.3236



0.0000, 0.0000, 0.0000



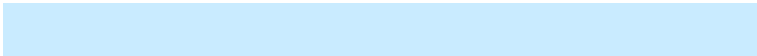
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4323, 0.2851, 0.3110



78.8914, 0.2798, 0.3072



59.3023, 0.2839, 0.2874



16.1023, 0.2981, 0.3198



14.9486, 0.1887, 0.1994



1.3585, 0.1943, 0.2193

Inverse Universe

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



62.2547, 0.3267, 0.3013



69.2188, 0.3298, 0.2958



79.3225, 0.3403, 0.3675



15.2109, 0.3196, 0.3145



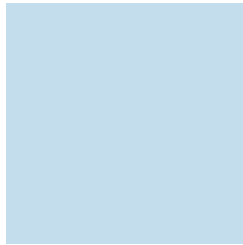
11.0019, 0.4460, 0.2231



0.8826, 0.4240, 0.2109

Previews

White Background



This preview shows how the Yxy color 69.4294, 0.2851, 0.3110 looks on a white background.

Color Contrast Check

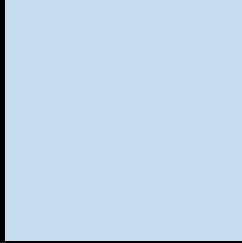
Large Text (above 18pt) WCAG AA × Fail

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 69.4294, 0.2851, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

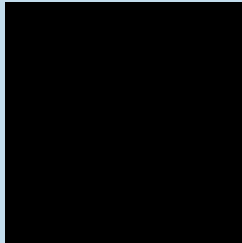
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

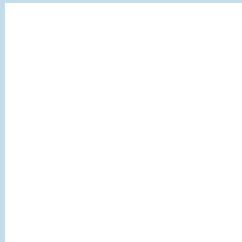
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4294, 0.2851, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 69.4294, 0.2851, 0.3110.

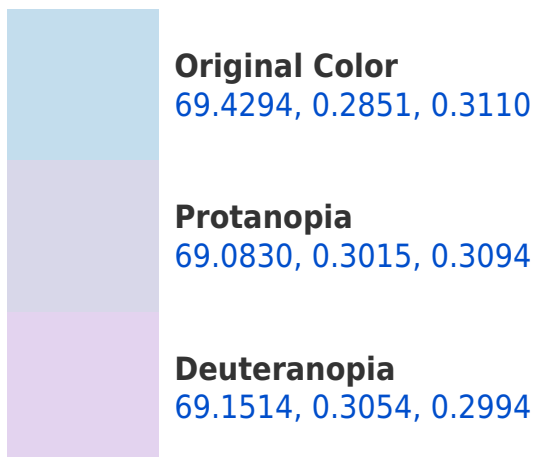


This preview shows how white text looks on a background with the Yxy color 69.4294, 0.2851, 0.3110.

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

69.4881, 0.2845, 0.3099

Trichromacy



Original Color

69.4294, 0.2851, 0.3110

Protanomaly

68.9761, 0.2954, 0.3102

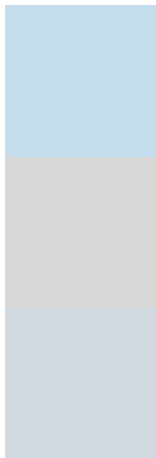
Deuteranomaly

69.2210, 0.2976, 0.3041

Tritanomaly

69.4881, 0.2845, 0.3099

Monochromacy



Original Color

69.4294, 0.2851, 0.3110

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3633, 0.3024, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4294, 0.2851, 0.3110 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, 221, 237)` looks like.

```
.text, #text, p{  
    color:rgb(195, 221, 237)  
}
```

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, 221, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 221, 237) }
```

Border

The CSS property to change the border of an element to Yxy 69.4294, 0.2851, 0.3110 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, 221, 237) }
```

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

```
.border{ border-color:rgb(195, 221, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 221, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 221, 237); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 221, 237); box-shadow:4px 4px 4px 4px rgb(195, 221, 237) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4294, 0.2851, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 221, 237) }
```

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

```
.background{ background-color: rgb(195,  
221, 237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor