

Converting Colors

Yxy(69.5683, 0.2897, 0.3205)

Have a look what the booklet for
Yxy(69.5683, 0.2897, 0.3205)
contains.

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Color

Yxy(69.5578, 0.2893, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	C3DEE6
RGB	195, 222, 230
RGB Percent	76%, 87%, 90%
CMY	0.2354, 0.1294, 0.0980
CMYK	0.15, 0.03, 0.00, 0.10
HSL	194°, 41%, 83%
HSV	194°, 15%, 90%
XYZ	62.9043, 69.5578, 84.9740
YIQ	214.8390, -18.6600, -3.2360

Conversions

Conversions Part 2

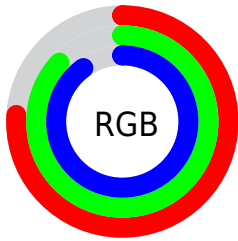
Format	Color
R _Y B	195, 210, 230
Decimal	12836582
CIE Lab	86.78, -7.29, -6.93
CIE LCh	87, 10.055, 223.567
Yxy	69.5578, 0.2893, 0.3199
Android (android.graphics.Color)	4291026662 (0xFFC3DEE6)
YUV	214.8390, 7.4744, -17.3988
Hunter-Lab	83.4013, -11.3212, -2.0271

Details

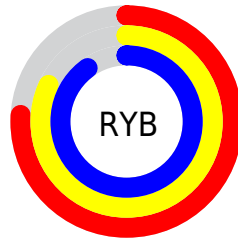
The Yxy color **69.5578, 0.2893, 0.3199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.4565, 0.3399, 0.3379**, and the grayscale version is **67.7970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **36.3953, 0.2834, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **63.9858, 0.2743, 0.3132**, and if you desaturate by 10%, it is **75.6941, 0.3046, 0.3260**.

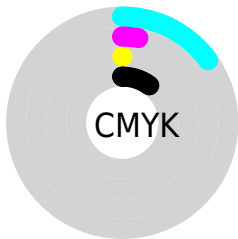
Distribution



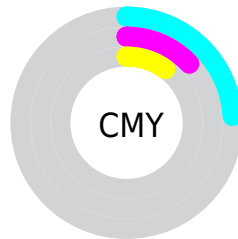
- Red (76%)
- Green (87%)
- Blue (90%)



- Red (76%)
- Yellow (82%)
- Blue (90%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (24%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5578, 0.2893, 0.3199 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 69.5578, 0.2893, 0.3199 by changing the saturation by 10% instead.

69.5578, 0.2893,
0.3199

69.5578, 0.2893,
0.3199

458.9958, 0.3002,
0.3242

51.1661, 0.2868,
0.3189

118.5779, 0.2931,
0.3214

36.3408, 0.2837,
0.3176

149.9752, 0.2945,
0.3220

24.6975, 0.2799,
0.3159

186.4764, 0.2958,
0.3225

15.8519, 0.2748,
0.3137

228.4660, 0.2969,
0.3230

9.4194, 0.2678,
0.3106

276.3283, 0.2979,
0.3233

5.0157, 0.2577,
0.3060

330.4478, 0.2987,

2.2565, 0.2420,

0.3237

0.2984

391.2088, 0.2995,
0.3240

0.7505, 0.2037,
0.2855

0.0000, 0.0000,
0.0000

69.5578, 0.2893,
0.3199

69.5578, 0.2893,
0.3199

63.9858, 0.2743,
0.3132

75.6941, 0.3046,
0.3260

58.9473, 0.2600,
0.3060

82.4070, 0.3201,
0.3316

54.4210, 0.2468,
0.2983

87.9774, 0.3292,
0.3367

50.3810, 0.2348,
0.2902

91.0728, 0.3286,
0.3418

■ 46.7985, 0.2246,
0.2819

■ 94.2579, 0.3281,
0.3468

■ 43.6411, 0.2161,
0.2734

■ 97.5335, 0.3275,
0.3518

■ 40.8714, 0.2097,
0.2649

■ 98.4933, 0.3274,
0.3532

■ 38.4436, 0.2052,
0.2565

■ 37.3711, 0.2035,
0.2526

Harmonies

Analogous

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



69.5578, 0.2942, 0.3309



69.5578, 0.2893, 0.3199



69.5578, 0.2905, 0.3116

Triad

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



69.5578, 0.2893, 0.3199



69.5578, 0.3213, 0.3169



69.5578, 0.3278, 0.3504

Complementary

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



69.5578, 0.2893, 0.3199



63.4565, 0.3399, 0.3379

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.



69.5578, 0.3353, 0.3461



69.5578, 0.2893, 0.3199



69.5578, 0.3316, 0.3267

Square

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



69.5578, 0.2893, 0.3199



69.5578, 0.3088, 0.3101



69.5578, 0.3367, 0.3374



69.5578, 0.3163, 0.3489

Rectangle

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



69.5578, 0.2893, 0.3199



69.5578, 0.2947, 0.3087



69.5578, 0.3367, 0.3374



69.5578, 0.3309, 0.3496

Sweetspot

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



69.5607, 0.2893, 0.3199



95.8200, 0.3050, 0.3261



72.4843, 0.3061, 0.3606



20.3869, 0.3039, 0.3257



0.0000, 0.0000, 0.0000



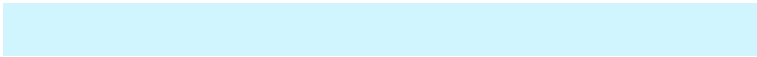
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5607, 0.2893, 0.3199



85.8109, 0.2850, 0.3180



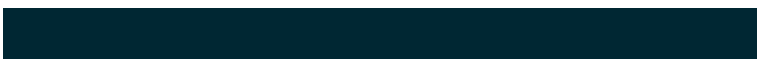
60.9254, 0.2885, 0.3001



15.7495, 0.2981, 0.3235



21.3497, 0.2039, 0.2539



1.7143, 0.2073, 0.2661

Inverse Universe

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



61.1158, 0.3204, 0.2997



73.4739, 0.3220, 0.2940



71.9891, 0.3371, 0.3564



14.5560, 0.3173, 0.3110



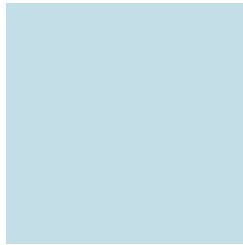
11.3530, 0.3884, 0.1913



0.8527, 0.3765, 0.1848

Previews

White Background



This preview shows how the Yxy color 69.5578, 0.2893, 0.3199 looks on a white background.

Color Contrast Check

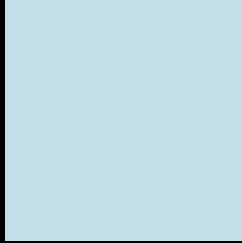
Large Text (above 18pt) WCAG AA × Fail

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 69.5578, 0.2893, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

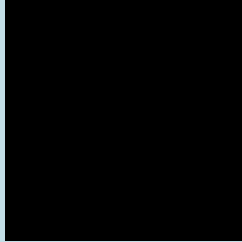
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

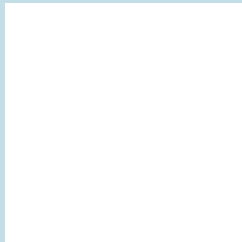
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5578, 0.2893, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 69.5578, 0.2893, 0.3199.

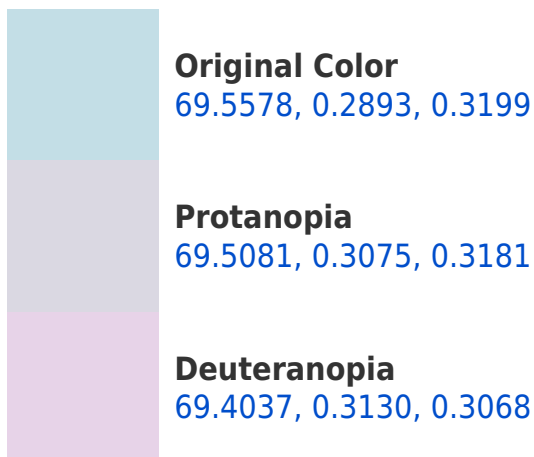


This preview shows how white text looks on a background with the Yxy color 69.5578, 0.2893, 0.3199.

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

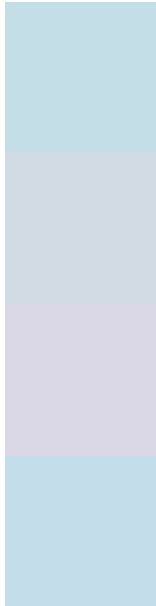




Tritanopia

69.6217, 0.2852, 0.3099

Trichromacy



Original Color

69.5578, 0.2893, 0.3199

Protanomaly

69.3905, 0.3012, 0.3190

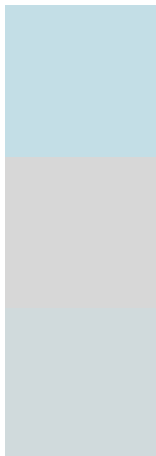
Deuteranomaly

69.2758, 0.3042, 0.3116

Tritanomaly

69.4468, 0.2869, 0.3132

Monochromacy



Original Color

69.5578, 0.2893, 0.3199

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.7200, 0.3043, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5578, 0.2893, 0.3199 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, 222, 230)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 230)  
}
```

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, 222, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 230) }
```

Border

The CSS property to change the border of an element to Yxy 69.5578, 0.2893, 0.3199 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, 222, 230) }
```

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

```
.border{ border-color:rgb(195, 222, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 222, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 222, 230); box-shadow:4px 4px 4px 4px rgb(195, 222, 230) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5578, 0.2893, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 230) }
```

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

```
.background{ background-color: rgb(195,  
222, 230) }
```

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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