

Converting Colors

Yxy(69.0588, 0.3016, 0.3256)

Have a look what the booklet for
Yxy(69.0588, 0.3016, 0.3256)
contains.

Yxy(69.0588, 0.3016, 0.3256)	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(69.0588, 0.3016, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CEDBDE
RGB	206, 219, 222
RGB Percent	81%, 86%, 87%
CMY	0.1922, 0.1411, 0.1294
CMYK	0.07, 0.01, 0.00, 0.13
HSL	191°, 20%, 84%
HSV	191°, 7%, 87%
XYZ	63.9685, 69.0588, 79.0698
YIQ	215.4550, -8.7110, -1.8230

Conversions

Conversions Part 2

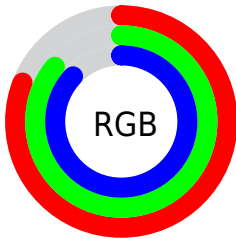
Format	Color
R _Y B	206, 213, 222
Decimal	13556702
CIE Lab	86.53, -3.78, -2.99
CIE LCh	87, 4.818, 218.317
Yxy	69.0588, 0.3016, 0.3256
Android (android.graphics.Color)	4291746782 (0xFFCEDBDE)
YUV	215.4550, 3.2267, -8.2920
Hunter-Lab	83.1016, -8.0253, 1.7577

Details

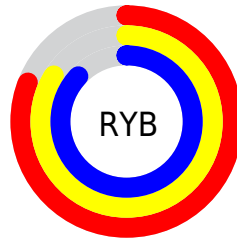
The Yxy color **69.0588, 0.3016, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5836, 0.3247, 0.3324**, and the grayscale version is **68.2627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.0163, 0.2992, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **63.9624, 0.2864, 0.3205**, and if you desaturate by 10%, it is **74.6640, 0.3170, 0.3302**.

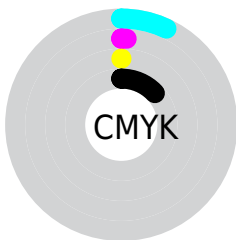
Distribution



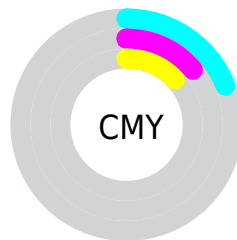
- Red (81%)
- Green (86%)
- Blue (87%)



- Red (81%)
- Yellow (84%)
- Blue (87%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.0588, 0.3016, 0.3256 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 69.0588, 0.3016, 0.3256 by changing the saturation by 10% instead.

■ 69.0588, 0.3016,
0.3256

■ 69.0588, 0.3016,
0.3256

457.2383, 0.3068,
0.3272

■ 50.7596, 0.3004,
0.3252

117.8656, 0.3034,
0.3262

■ 36.0173, 0.2989,
0.3247

149.1419, 0.3041,
0.3264

■ 24.4476, 0.2970,
0.3241

185.5127, 0.3047,
0.3266

■ 15.6660, 0.2946,
0.3233

227.3625, 0.3052,
0.3267

■ 9.2881, 0.2911,
0.3222

275.0755, 0.3057,
0.3269

■ 4.9296, 0.2862,
0.3205

329.0362, 0.3061,

■ 2.2060, 0.2782,

0.3270

389.6291, 0.3065,
0.3271

0.3177

0.7233, 0.2571,
0.3124

0.0000, 0.0000,
0.0000

69.0588, 0.3016,
0.3256

69.0588, 0.3016,
0.3256

63.9624, 0.2864,
0.3205

74.6640, 0.3170,
0.3302

59.3470, 0.2718,
0.3149

80.7873, 0.3324,
0.3344

55.1951, 0.2581,
0.3090

83.9578, 0.3352,
0.3385

51.4846, 0.2455,
0.3027

86.3202, 0.3346,
0.3426

■ 48.1916, 0.2344,
0.2961

■ 88.7384, 0.3341,
0.3466

■ 45.2895, 0.2250,
0.2894

■ 91.2127, 0.3336,
0.3507

■ 42.7483, 0.2176,
0.2825

■ 93.7435, 0.3330,
0.3546

■ 40.5327, 0.2121,
0.2757

■ 96.3311, 0.3325,
0.3586

■ 38.5965, 0.2084,
0.2690

■ 98.0543, 0.3321,
0.3611

Harmonies

Analogous

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



69.0588, 0.3045, 0.3309



69.0588, 0.3016, 0.3256



69.0588, 0.3017, 0.3213

Triad

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



69.0588, 0.3016, 0.3256



69.0588, 0.3158, 0.3224



69.0588, 0.3208, 0.3391

Complementary

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



69.0588, 0.3016, 0.3256



65.5836, 0.3247, 0.3324

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.



69.0588, 0.3239, 0.3367



69.0588, 0.3016, 0.3256



69.0588, 0.3210, 0.3271

Square

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



69.0588, 0.3016, 0.3256



69.0588, 0.3099, 0.3195



69.0588, 0.3240, 0.3323



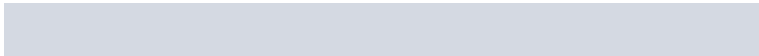
69.0588, 0.3155, 0.3388

Rectangle

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



69.0588, 0.3016, 0.3256



69.0588, 0.3034, 0.3195



69.0588, 0.3240, 0.3323



69.0588, 0.3221, 0.3386

Sweetspot

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



69.0617, 0.3016, 0.3256



98.4374, 0.3096, 0.3281



69.9671, 0.3100, 0.3438



21.0861, 0.3098, 0.3281



0.0000, 0.0000, 0.0000



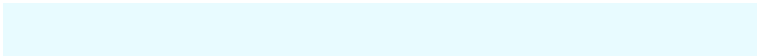
21.4041, 0.3127, 0.3290

Same Dimension

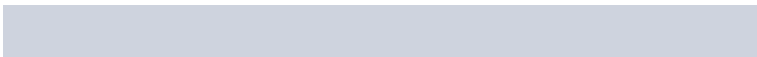
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0617, 0.3016, 0.3256



93.1916, 0.2988, 0.3247



65.0149, 0.3017, 0.3166



15.1129, 0.2982, 0.3245



22.7738, 0.2078, 0.2681



1.6928, 0.2107, 0.2785

Inverse Universe

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



64.7841, 0.3157, 0.3147



85.9475, 0.3165, 0.3109



69.5793, 0.3239, 0.3411



13.8893, 0.3166, 0.3102



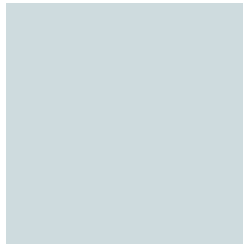
11.2071, 0.3746, 0.1837



0.7883, 0.3648, 0.1783

Previews

White Background



This preview shows how the Yxy color 69.0588, 0.3016, 0.3256 looks on a white background.

Color Contrast Check

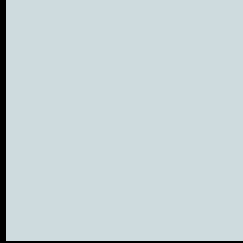
Large Text (above 18pt) WCAG AA × Fail

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 69.0588, 0.3016, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

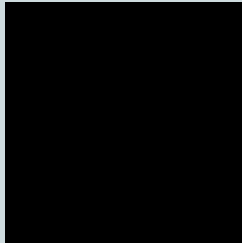
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

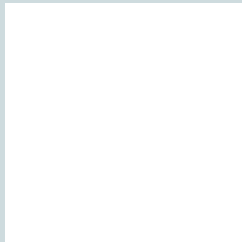
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.0588, 0.3016, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 69.0588, 0.3016, 0.3256.

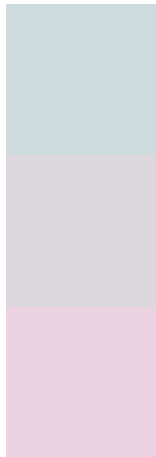


This preview shows how white text looks on a background with the Yxy color 69.0588, 0.3016, 0.3256.

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

69.0588, 0.3016, 0.3256

Protanopia

68.8283, 0.3122, 0.3235

Deuteranopia

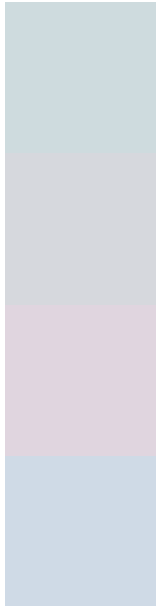
68.9674, 0.3208, 0.3142



Tritanopia

68.9761, 0.2954, 0.3102

Trichromacy



Original Color

69.0588, 0.3016, 0.3256

Protanomaly

68.6283, 0.3079, 0.3234

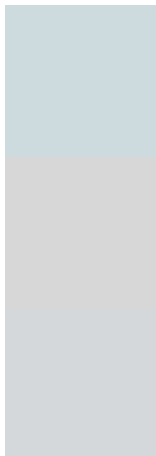
Deuteranomaly

68.7635, 0.3140, 0.3182

Tritanomaly

69.1214, 0.2972, 0.3156

Monochromacy



Original Color

69.0588, 0.3016, 0.3256

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1707, 0.3085, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0588, 0.3016, 0.3256 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(206, 219, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 219, 222)  
}
```

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(206, 219, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 219, 222) }
```

Border

The CSS property to change the border of an element to Yxy 69.0588, 0.3016, 0.3256 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(206, 219, 222) }
```

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

```
.border{ border-color:rgb(206, 219, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 219, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 219, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 219, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 219,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0588, 0.3016, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 219, 222) }
```

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

```
.background{ background-color: rgb(206,  
219, 222) }
```

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