

Converting Colors

$Yxy(69.3895, 0.3037, 0.3351)$

Have a look what the booklet for
Yxy(69.3895, 0.3037, 0.3351)
contains.

Yxy(69.3673, 0.3033, 0.3346)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.3673, 0.3033, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	CBDDD8
RGB	203, 221, 216
RGB Percent	80%, 87%, 85%
CMY	0.2040, 0.1333, 0.1528
CMYK	0.08, 0.00, 0.02, 0.13
HSL	163°, 21%, 83%
HSV	163°, 8%, 87%
XYZ	62.8784, 69.3673, 75.0684
YIQ	215.0480, -9.1230, -5.3710

Conversions

Conversions Part 2

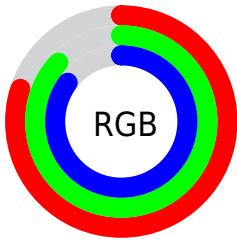
Format	Color
R_{YB}	203, 213, 221
Decimal	13360600
CIE Lab	86.69, -6.94, 0.36
CIE LCh	87, 6.950, 177.025
Yxy	69.3673, 0.3033, 0.3346
Android (android.graphics.Color)	4291550680 (0xFFCBDDD8)
YUV	215.0480, 0.4693, -10.5661
Hunter-Lab	83.2870, -10.9920, 4.8615

Details

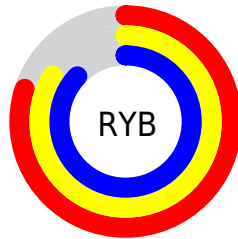
The Yxy color **69.3673, 0.3033, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6243, 0.3231, 0.3235**, and the grayscale version is **67.9911, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2352, 0.3014, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **66.1767, 0.2922, 0.3421**, and if you desaturate by 10%, it is **73.0177, 0.3149, 0.3278**.

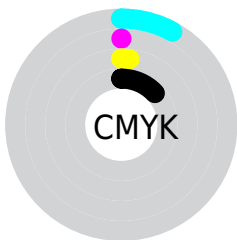
Distribution



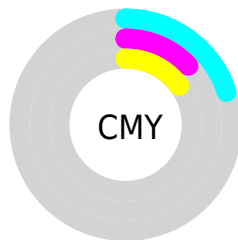
- Red (80%)
- Green (87%)
- Blue (85%)



- Red (80%)
- Yellow (84%)
- Blue (87%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3673, 0.3033, 0.3346 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 69.3673, 0.3033, 0.3346 by changing the saturation by 10% instead.

■ 69.3673, 0.3033,
0.3346

■ 69.3673, 0.3033,
0.3346

458.3253, 0.3077,
0.3320

■ 51.0109, 0.3023,
0.3352

118.3060, 0.3048,
0.3337

■ 36.2173, 0.3010,
0.3360

149.6572, 0.3054,
0.3333

■ 24.6021, 0.2994,
0.3369

186.1086, 0.3059,
0.3330

■ 15.7808, 0.2973,
0.3382

228.0449, 0.3064,
0.3328

■ 9.3692, 0.2944,
0.3399

275.8503, 0.3068,
0.3325

■ 4.9828, 0.2901,
0.3425

329.9092, 0.3071,

■ 2.2372, 0.2831,

0.3323

0.3466

390.6061, 0.3074,
0.3322

0.7401, 0.2599,
0.3602

0.0000, 0.0000,
0.0000

69.3673, 0.3033,
0.3346

69.3673, 0.3033,
0.3346

66.1767, 0.2922,
0.3421

73.0177, 0.3149,
0.3278

63.4184, 0.2817,
0.3504

77.1368, 0.3266,
0.3217

61.0752, 0.2723,
0.3592

78.9351, 0.3281,
0.3159


59.1255, 0.2641,
0.3687

79.2916, 0.3240,
0.3099

 57.5456, 0.2576,
0.3787

 79.6602, 0.3199,
0.3041


 56.3092, 0.2528,
0.3889

 80.0410, 0.3159,
0.2983

 55.3864, 0.2500,
0.3994

 80.1973, 0.3143,
0.2960

 54.7423, 0.2493,
0.4098

 54.3262, 0.2503,
0.4201

Harmonies

Analogous

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



69.3673, 0.3113, 0.3408



69.3673, 0.3033, 0.3346



69.3673, 0.2978, 0.3269

Triad

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



69.3673, 0.3033, 0.3346



69.3673, 0.3055, 0.3147



69.3673, 0.3294, 0.3379

Complementary

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



69.3673, 0.3033, 0.3346



62.6243, 0.3231, 0.3235

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.



69.3673, 0.3278, 0.3309



69.3673, 0.3033, 0.3346



69.3673, 0.3140, 0.3176

Square

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



69.3673, 0.3033, 0.3346



69.3673, 0.2991, 0.3154



69.3673, 0.3221, 0.3235



69.3673, 0.3265, 0.3426

Rectangle

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



69.3673, 0.3033, 0.3346



69.3673, 0.2963, 0.3220



69.3673, 0.3221, 0.3235



69.3673, 0.3294, 0.3357

Sweetspot

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



69.3702, 0.3033, 0.3346



98.9554, 0.3104, 0.3303



69.4499, 0.3154, 0.3495



21.1915, 0.3105, 0.3303



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.



69.3702, 0.3033, 0.3346



95.0363, 0.3011, 0.3360



67.5915, 0.3002, 0.3245



14.7652, 0.3019, 0.3355



31.5381, 0.2501, 0.4204



2.0575, 0.2454, 0.4036

Inverse Universe

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



62.6243, 0.3231, 0.3235



83.6623, 0.3258, 0.3221



64.2523, 0.3263, 0.3334



13.1102, 0.3249, 0.3226



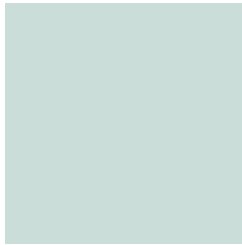
9.1413, 0.5836, 0.2989



0.6067, 0.5367, 0.2730

Previews

White Background



This preview shows how the Yxy color 69.3673, 0.3033, 0.3346 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 69.3673, 0.3033, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

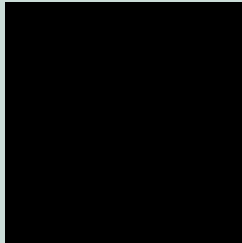
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

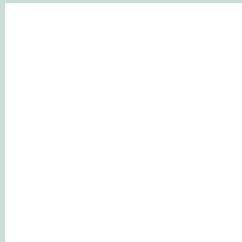
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.3673, 0.3033, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 69.3673, 0.3033, 0.3346.

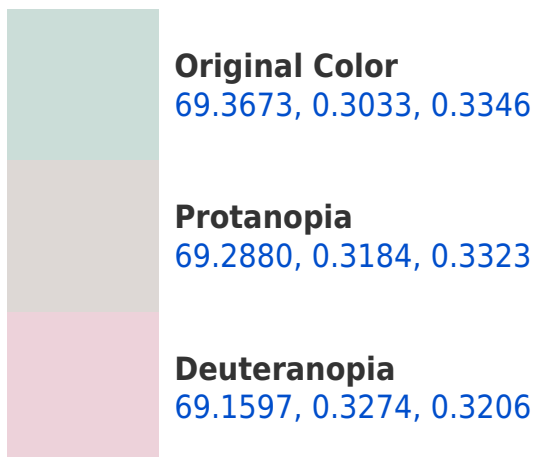


This preview shows how white text looks on a background with the Yxy color 69.3673, 0.3033, 0.3346.

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

69.2628, 0.2934, 0.3102

Trichromacy



Original Color

69.3673, 0.3033, 0.3346

Protanomaly

69.2940, 0.3125, 0.3335

Deuteranomaly

69.1104, 0.3187, 0.3258

Tritanomaly

69.2436, 0.2971, 0.3189

Monochromacy



Original Color

69.3673, 0.3033, 0.3346

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3809, 0.3097, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.3673, 0.3033, 0.3346 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(203, 221, 216)` looks like.

```
.text, #text, p{  
    color:rgb(203, 221, 216)  
}
```

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(203, 221, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 221, 216) }
```

Border

The CSS property to change the border of an element to Yxy 69.3673, 0.3033, 0.3346 is called "border". The border property can be set on classes, ids or directly on the HTML element.

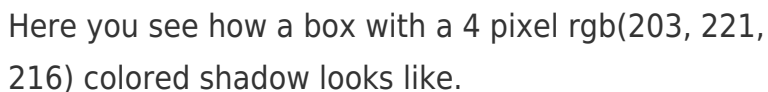
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(203, 221, 216) }
```

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

```
.border{ border-color:rgb(203, 221, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(203, 221, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 221, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 221, 216);  
box-shadow:4px 4px 4px 4px rgb(203, 221,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 69.3673, 0.3033, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 221, 216) }
```

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

```
.background{ background-color: rgb(203,  
221, 216) }
```

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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