

Converting Colors

$Yxy(65.3731, 0.3030, 0.3308)$

Have a look what the booklet for
Yxy(65.3731, 0.3030, 0.3308)
contains.

Yxy(65.6843, 0.3033, 0.3313)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.6843, 0.3033, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C8D7D5
RGB	200, 215, 213
RGB Percent	78%, 84%, 84%
CMY	0.2156, 0.1569, 0.1648
CMYK	0.07, 0.00, 0.01, 0.16
HSL	172°, 16%, 81%
HSV	172°, 7%, 84%
XYZ	60.1330, 65.6843, 72.4450
YIQ	210.2870, -8.2980, -3.8020

Conversions

Conversions Part 2

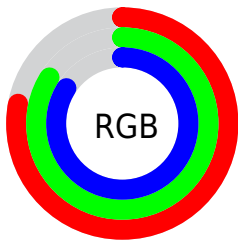
Format	Color
R _Y B	200, 208, 215
Decimal	13162453
CIE Lab	84.84, -5.40, -0.75
CIE LCh	85, 5.451, 187.878
Yxy	65.6843, 0.3033, 0.3313
Android (android.graphics.Color)	4291352533 (0xFFC8D7D5)
YUV	210.2870, 1.3375, -9.0217
Hunter-Lab	81.0459, -9.3900, 3.7341

Details

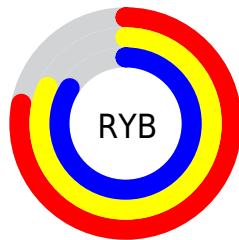
The Yxy color **65.6843, 0.3033, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.0349, 0.3230, 0.3267**, and the grayscale version is **64.6456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7212, 0.3013, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **62.7854, 0.2903, 0.3349**, and if you desaturate by 10%, it is **69.0077, 0.3169, 0.3280**.

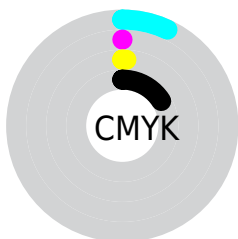
Distribution



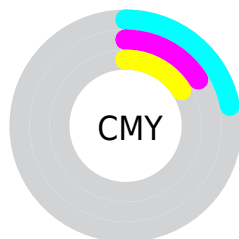
- Red (78%)
- Green (84%)
- Blue (84%)



- Red (78%)
- Yellow (82%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6843, 0.3033, 0.3313 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 65.6843, 0.3033, 0.3313 by changing the saturation by 10% instead.

■ 65.6843, 0.3033,
0.3313

■ 65.6843, 0.3033,
0.3313

445.2470, 0.3077,
0.3302

■ 48.0162, 0.3023,
0.3315

113.0331, 0.3049,
0.3309

■ 33.8397, 0.3010,
0.3319

143.4826, 0.3055,
0.3308

■ 22.7705, 0.2993,
0.3322

178.9612, 0.3060,
0.3307

■ 14.4241, 0.2971,
0.3328

219.8536, 0.3064,
0.3306

■ 8.4162, 0.2941,
0.3335

266.5439, 0.3068,
0.3305

■ 4.3624, 0.2896,
0.3345

319.4167, 0.3072,

■ 1.8783, 0.2821,

0.3304

378.8562, 0.3075,
0.3303

0.3362

0.5353, 0.2436,
0.3459

0.0000, 0.0000,
0.0000

65.6843, 0.3033,
0.3313

65.6843, 0.3033,
0.3313

62.7854, 0.2903,
0.3349

69.0077, 0.3169,
0.3280

60.2854, 0.2781,
0.3388


72.7635, 0.3308,
0.3251


58.1685, 0.2671,
0.3429

75.1179, 0.3376,
0.3223


56.4148, 0.2575,
0.3473


75.2745, 0.3356,
0.3194


 55.0025, 0.2496,
0.3519


 75.4339, 0.3335,
0.3165

 53.9075, 0.2436,
0.3566


 75.5959, 0.3314,
0.3137

 53.1025, 0.2394,
0.3614

 75.7607, 0.3294,
0.3108

 52.5557, 0.2372,
0.3661

 75.9282, 0.3274,
0.3080

 52.2251, 0.2367,
0.3709

 76.0984, 0.3253,
0.3052

Harmonies

Analogous

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



65.6843, 0.3092, 0.3369



65.6843, 0.3033, 0.3313



65.6843, 0.3000, 0.3252

Triad

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



65.6843, 0.3033, 0.3313



65.6843, 0.3093, 0.3180



65.6843, 0.3256, 0.3378

Complementary

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



65.6843, 0.3033, 0.3313



60.0349, 0.3230, 0.3267

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.



65.6843, 0.3257, 0.3327



65.6843, 0.3033, 0.3313



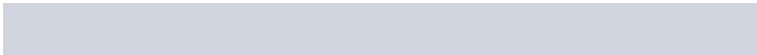
65.6843, 0.3162, 0.3214

Square

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



65.6843, 0.3033, 0.3313



65.6843, 0.3034, 0.3176



65.6843, 0.3222, 0.3267



65.6843, 0.3221, 0.3406

Rectangle

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



65.6843, 0.3033, 0.3313



65.6843, 0.2996, 0.3216



65.6843, 0.3222, 0.3267



65.6843, 0.3260, 0.3362

Sweetspot

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



65.6871, 0.3033, 0.3313



99.0013, 0.3100, 0.3297



65.3670, 0.3135, 0.3464



21.2008, 0.3101, 0.3296



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.



65.6871, 0.3033, 0.3313



96.1581, 0.3018, 0.3317



63.1640, 0.3020, 0.3229



14.0777, 0.3000, 0.3322



31.2007, 0.2366, 0.3716



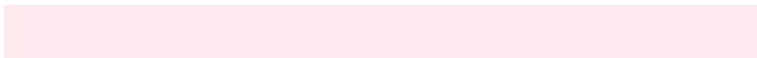
1.8900, 0.2343, 0.3634

Inverse Universe

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



60.0349, 0.3230, 0.3267



86.5830, 0.3248, 0.3263



62.4094, 0.3240, 0.3350



12.4478, 0.3270, 0.3259



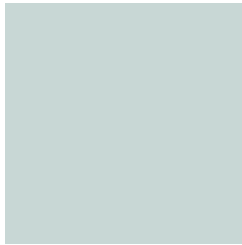
8.7032, 0.6214, 0.3197



0.5340, 0.5817, 0.2978

Previews

White Background



This preview shows how the Yxy color 65.6843, 0.3033, 0.3313 looks on a white background.

Color Contrast Check

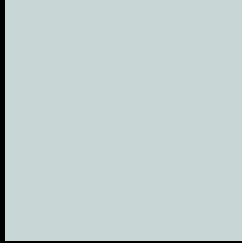
Large Text (above 18pt) WCAG AA × Fail

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 65.6843, 0.3033, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

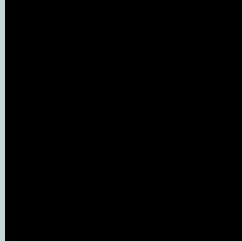
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

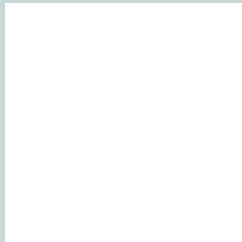
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6843, 0.3033, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 65.6843, 0.3033, 0.3313.

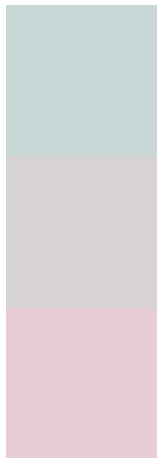


This preview shows how white text looks on a background with the Yxy color 65.6843, 0.3033, 0.3313.

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

65.6843, 0.3033, 0.3313

Protanopia

65.6887, 0.3164, 0.3301

Deuteranopia

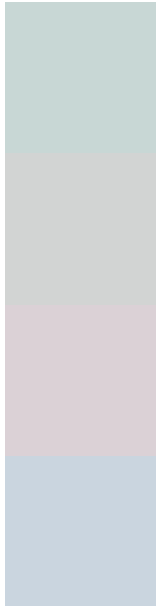
65.3919, 0.3247, 0.3182



Tritanopia

65.4406, 0.2950, 0.3098

Trichromacy



Original Color

65.6843, 0.3033, 0.3313

Protanomaly

65.4918, 0.3119, 0.3301

Deuteranomaly

65.5160, 0.3167, 0.3235

Tritanomaly

65.4728, 0.2982, 0.3176

Monochromacy



Original Color

65.6843, 0.3033, 0.3313

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.9119, 0.3090, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6843, 0.3033, 0.3313 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(200, 215, 213)` looks like.

```
.text, #text, p{  
    color:rgb(200, 215, 213)  
}
```

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(200, 215, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 215, 213) }
```

Border

The CSS property to change the border of an element to Yxy 65.6843, 0.3033, 0.3313 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(200, 215, 213) }
```

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

```
.border{ border-color:rgb(200, 215, 213) }
```

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

Here you see how a box with a 4 pixel rgb(200, 215, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 215, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 215, 213);  
box-shadow:4px 4px 4px 4px rgb(200, 215,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6843, 0.3033, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 215, 213) }
```

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

```
.background{ background-color: rgb(200,  
215, 213) }
```

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