

Converting Colors

$Yxy(68.1259, 0.3033, 0.3335)$

Have a look what the booklet for
Yxy(68.1259, 0.3033, 0.3335)
contains.

Yxy(68.1259, 0.3033, 0.3335)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.1259, 0.3033, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	CADBD7
RGB	202, 219, 215
RGB Percent	79%, 86%, 84%
CMY	0.2078, 0.1412, 0.1567
CMYK	0.08, 0.00, 0.02, 0.14
HSL	166°, 19%, 83%
HSV	166°, 8%, 86%
XYZ	61.9568, 68.1259, 74.1929
YIQ	213.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

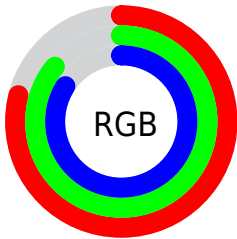
Format	Color
R_{YB}	202, 212, 219
Decimal	13294551
CIE _{Lab}	86.07, -6.42, -0.01
CIE _{LCh}	86, 6.423, 180.108
Yxy	68.1259, 0.3033, 0.3335
Android (android.graphics.Color)	4291484631 (0xFFCADBD7)
YUV	213.4610, 0.7587, -10.0513
Hunter-Lab	82.5384, -10.4527, 4.4818

Details

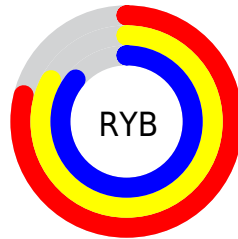
The Yxy color **68.1259, 0.3033, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7561, 0.3231, 0.3245**, and the grayscale version is **66.8661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3849, 0.3014, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **65.0284, 0.2916, 0.3398**, and if you desaturate by 10%, it is **71.6709, 0.3155, 0.3278**.

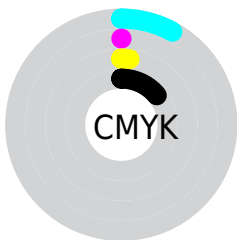
Distribution



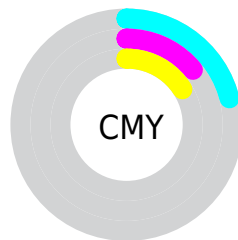
- Red (79%)
- Green (86%)
- Blue (84%)



- Red (79%)
- Yellow (83%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.1259, 0.3033, 0.3335 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 68.1259, 0.3033, 0.3335 by changing the saturation by 10% instead.

■ 68.1259, 0.3033,
0.3335

■ 68.1259, 0.3033,
0.3335

453.9420, 0.3077,
0.3314

■ 50.0002, 0.3023,
0.3340

116.5322, 0.3048,
0.3328

■ 35.4135, 0.3010,
0.3346

147.5816, 0.3054,
0.3325

■ 23.9816, 0.2994,
0.3354

183.7077, 0.3060,
0.3322

■ 15.3200, 0.2972,
0.3364

225.2948, 0.3064,
0.3320

■ 9.0443, 0.2943,
0.3378

272.7274, 0.3068,
0.3318

■ 4.7701, 0.2899,
0.3399

326.3899, 0.3071,

■ 2.1130, 0.2828,

0.3317

386.6666, 0.3074,
0.3315

0.3432

0.6719, 0.2555,
0.3562

0.0000, 0.0000,
0.0000

68.1259, 0.3033,
0.3335

68.1259, 0.3033,
0.3335

65.0284, 0.2916,
0.3398

71.6709, 0.3155,
0.3278

62.3516, 0.2806,
0.3467


75.6719, 0.3278,
0.3226

60.0788, 0.2707,
0.3542


77.6592, 0.3310,
0.3177

58.1889, 0.2621,
0.3621


77.9516, 0.3275,
0.3127

 56.6589, 0.2552,
0.3704

 78.2526, 0.3240,
0.3077

 55.4632, 0.2500,
0.3790


 78.5621, 0.3205,
0.3028

 54.5730, 0.2468,
0.3877

 78.8803, 0.3171,
0.2979

 53.9542, 0.2456,
0.3964

 79.1445, 0.3144,
0.2940

 53.5596, 0.2461,
0.4050

Harmonies

Analogous

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



68.1259, 0.3106, 0.3395



68.1259, 0.3033, 0.3335



68.1259, 0.2985, 0.3263

Triad

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



68.1259, 0.3033, 0.3335



68.1259, 0.3068, 0.3158



68.1259, 0.3282, 0.3378

Complementary

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



68.1259, 0.3033, 0.3335



61.7561, 0.3231, 0.3245

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.



68.1259, 0.3271, 0.3314



68.1259, 0.3033, 0.3335



68.1259, 0.3147, 0.3188

Square

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



68.1259, 0.3033, 0.3335



68.1259, 0.3005, 0.3162



68.1259, 0.3222, 0.3245



68.1259, 0.3250, 0.3420

Rectangle

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



68.1259, 0.3033, 0.3335



68.1259, 0.2974, 0.3219



68.1259, 0.3222, 0.3245



68.1259, 0.3283, 0.3359

Sweetspot

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



68.1288, 0.3033, 0.3335



98.9690, 0.3102, 0.3301



68.0864, 0.3149, 0.3485



21.1942, 0.3104, 0.3301



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.



68.1288, 0.3033, 0.3335



95.5635, 0.3017, 0.3343



66.1457, 0.3008, 0.3241



14.7748, 0.3013, 0.3345



31.7309, 0.2460, 0.4056



2.0686, 0.2421, 0.3915

Inverse Universe

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



61.7561, 0.3231, 0.3245



85.1400, 0.3250, 0.3238



63.5879, 0.3255, 0.3338



13.1011, 0.3255, 0.3236



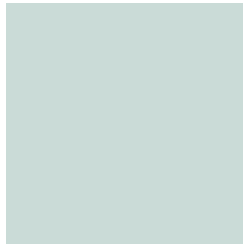
9.0867, 0.5969, 0.3062



0.6021, 0.5505, 0.2806

Previews

White Background



This preview shows how the Yxy color 68.1259, 0.3033, 0.3335 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 68.1259, 0.3033, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

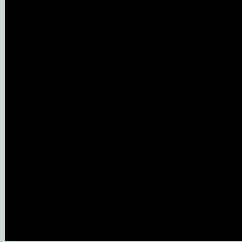
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

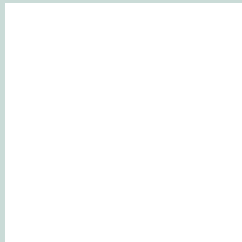
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1259, 0.3033, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 68.1259, 0.3033, 0.3335.



This preview shows how white text looks on a background with the Yxy color 68.1259, 0.3033, 0.3335.

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

68.1259, 0.3033, 0.3335

Protanopia

67.9067, 0.3178, 0.3312

Deuteranopia

67.7837, 0.3268, 0.3194



Tritanopia

67.9741, 0.2939, 0.3101

Trichromacy



Original Color

68.1259, 0.3033, 0.3335

Protanomaly

68.0620, 0.3126, 0.3324

Deuteranomaly

67.7328, 0.3181, 0.3246

Tritanomaly

67.9541, 0.2977, 0.3189

Monochromacy



Original Color

68.1259, 0.3033, 0.3335

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.0112, 0.3090, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1259, 0.3033, 0.3335 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(202, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(202, 219, 215)  
}
```

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(202, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 219, 215) }
```

Border

The CSS property to change the border of an element to Yxy 68.1259, 0.3033, 0.3335 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(202, 219, 215) }
```

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

```
.border{ border-color:rgb(202, 219, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 219, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(202, 219,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1259, 0.3033, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 219, 215) }
```

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

```
.background{ background-color: rgb(202,  
219, 215) }
```

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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