

Converting Colors

Yxy(68.0495, 0.3028, 0.3334)

Have a look what the booklet for
Yxy(68.0495, 0.3028, 0.3334)
contains.

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Color

Yxy(67.9868, 0.3026, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	C9DBD7
RGB	201, 219, 215
RGB Percent	79%, 86%, 84%
CMY	0.2118, 0.1412, 0.1567
CMYK	0.08, 0.00, 0.02, 0.14
HSL	167°, 20%, 82%
HSV	167°, 8%, 86%
XYZ	61.6876, 67.9868, 74.1841
YIQ	213.1620, -9.4440, -5.0600

Conversions

Conversions Part 2

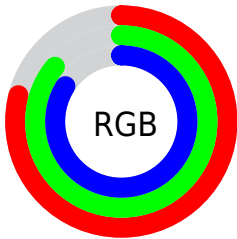
Format	Color
R _Y B	201, 211, 219
Decimal	13229015
CIE Lab	86.00, -6.75, -0.13
CIE LCh	86, 6.754, 181.061
Yxy	67.9868, 0.3026, 0.3335
Android (android.graphics.Color)	4291419095 (0xFFC9DBD7)
YUV	213.1620, 0.9061, -10.6661
Hunter-Lab	82.4541, -10.7509, 4.3746

Details

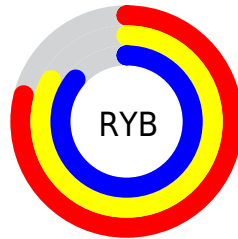
The Yxy color **67.9868, 0.3026, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2394, 0.3239, 0.3245**, and the grayscale version is **66.6548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.2920, 0.3005, 0.3350** is the 20% darker color. If you saturate the color by 10%, you get **64.9233, 0.2908, 0.3395**, and if you desaturate by 10%, it is **71.4961, 0.3149, 0.3281**.

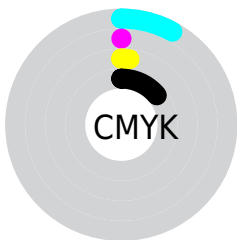
Distribution



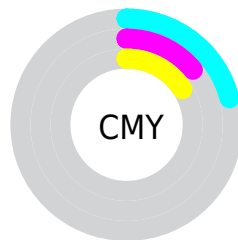
- Red (79%)
- Green (86%)
- Blue (84%)



- 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 67.9868, 0.3026, 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 67.9868, 0.3026, 0.3335 by changing the saturation by 10% instead.

■ 67.9868, 0.3026,
0.3335

■ 67.9868, 0.3026,
0.3335

453.4492, 0.3073,
0.3314

■ 49.8870, 0.3015,
0.3340

116.3333, 0.3043,
0.3328

■ 35.3236, 0.3001,
0.3346

147.3487, 0.3049,
0.3325

■ 23.9123, 0.2984,
0.3354

183.4382, 0.3054,
0.3322

■ 15.2686, 0.2961,
0.3364

224.9860, 0.3059,
0.3320

■ 9.0081, 0.2929,
0.3378

272.3766, 0.3063,
0.3318

■ 4.7465, 0.2882,
0.3398

325.9945, 0.3067,

■ 2.0993, 0.2806,

0.3317

0.3432

386.2239, 0.3070,
0.3315

0.6642, 0.2504,
0.3566

0.0000, 0.0000,
0.0000

67.9868, 0.3026,
0.3335

67.9868, 0.3026,
0.3335

64.9233, 0.2908,
0.3395

71.4961, 0.3149,
0.3281

62.2786, 0.2797,
0.3460

75.4598, 0.3275,
0.3232

60.0361, 0.2697,
0.3530

77.6100, 0.3316,
0.3186

58.1747, 0.2610,
0.3605

77.8842, 0.3283,
0.3138

■ 56.6712, 0.2540,
0.3683

■ 78.1659, 0.3250,
0.3091

■ 55.5000, 0.2489,
0.3763

■ 78.4552, 0.3217,
0.3044

■ 54.6319, 0.2456,
0.3845

■ 78.7522, 0.3184,
0.2998

■ 54.0327, 0.2444,
0.3926

■ 79.0570, 0.3152,
0.2953

■ 53.6527, 0.2449,
0.4007

■ 79.1442, 0.3144,
0.2940

Harmonies

Analogous

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



67.9868, 0.3102, 0.3399



67.9868, 0.3026, 0.3335



67.9868, 0.2977, 0.3259

Triad

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



67.9868, 0.3026, 0.3335



67.9868, 0.3067, 0.3151



67.9868, 0.3289, 0.3385

Complementary

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



67.9868, 0.3026, 0.3335



61.2394, 0.3239, 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.



67.9868, 0.3280, 0.3318



67.9868, 0.3026, 0.3335



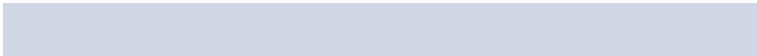
67.9868, 0.3151, 0.3185

Square

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



67.9868, 0.3026, 0.3335



67.9868, 0.3001, 0.3154



67.9868, 0.3229, 0.3245



67.9868, 0.3255, 0.3427

Rectangle

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



67.9868, 0.3026, 0.3335



67.9868, 0.2966, 0.3213



67.9868, 0.3229, 0.3245



67.9868, 0.3291, 0.3364

Sweetspot

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



67.9897, 0.3026, 0.3335



98.9734, 0.3102, 0.3301



67.8888, 0.3148, 0.3497



21.1951, 0.3103, 0.3300



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.



67.9897, 0.3026, 0.3335



95.1237, 0.3003, 0.3346



65.7271, 0.3001, 0.3235



14.7779, 0.3011, 0.3342



31.7954, 0.2447, 0.4009



2.0723, 0.2410, 0.3877

Inverse Universe

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



61.2394, 0.3239, 0.3245



83.5808, 0.3267, 0.3235



63.3238, 0.3263, 0.3345



13.0983, 0.3257, 0.3239



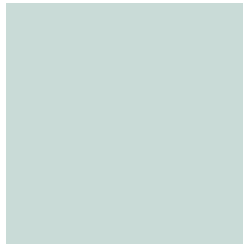
9.0712, 0.6008, 0.3084



0.6007, 0.5548, 0.2830

Previews

White Background



This preview shows how the Yxy color 67.9868, 0.3026, 0.3335 looks on a white background.

Color Contrast Check

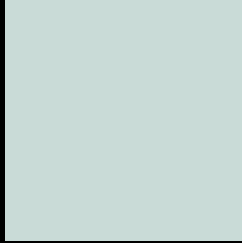
Large Text (above 18pt) WCAG AA × Fail

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 67.9868, 0.3026, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

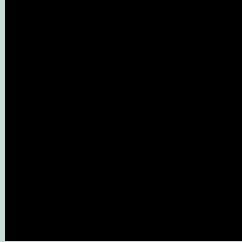
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

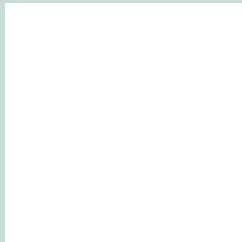
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9868, 0.3026, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 67.9868, 0.3026, 0.3335.



This preview shows how white text looks on a background with the Yxy color 67.9868, 0.3026, 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

67.9868, 0.3026, 0.3335

Protanopia

67.9067, 0.3178, 0.3312

Deuteranopia

67.6139, 0.3260, 0.3194



Tritanopia

67.8323, 0.2933, 0.3100

Trichromacy



Original Color

67.9868, 0.3026, 0.3335

Protanomaly

67.9129, 0.3118, 0.3324

Deuteranomaly

67.5744, 0.3174, 0.3246

Tritanomaly

67.8132, 0.2970, 0.3188

Monochromacy



Original Color

67.9868, 0.3026, 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 67.9868, 0.3026, 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(201, 219, 215)` looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 219, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 219, 215) }
```

Border

The CSS property to change the border of an element to Yxy 67.9868, 0.3026, 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(201, 219, 215) }
```

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

```
.border{ border-color:rgb(201, 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(201, 219, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 219, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 219, 215);  
box-shadow:4px 4px 4px 4px rgb(201, 219,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9868, 0.3026, 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(201, 219, 215) }
```

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

```
.background{ background-color: rgb(201,  
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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