

Converting Colors

Yxy(64.0965, 0.3104, 0.3347)

Have a look what the booklet for
Yxy(64.0965, 0.3104, 0.3347)
contains.

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Color

Yxy(63.9309, 0.3103, 0.3336)

Conversions

Conversions Part 1

Format	Color
Hex	CCD3CF
RGB	204, 211, 207
RGB Percent	80%, 83%, 81%
CMY	0.1999, 0.1726, 0.1882
CMYK	0.03, 0.00, 0.02, 0.17
HSL	146°, 7%, 81%
HSV	146°, 3%, 83%
XYZ	59.4657, 63.9309, 68.2428
YIQ	208.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

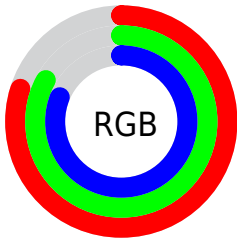
Format	Color
R_{YB}	204, 209, 211
Decimal	13423567
CIE Lab	83.93, -3.09, 1.14
CIE LCh	84, 3.293, 159.829
Yxy	63.9309, 0.3103, 0.3336
Android (android.graphics.Color)	4291613647 (0xFFCCD3CF)
YUV	208.4510, -0.7153, -3.9035
Hunter-Lab	79.9568, -7.1699, 5.3660

Details

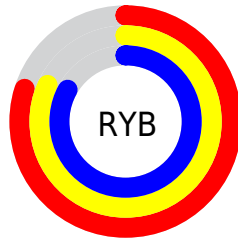
The Yxy color **63.9309, 0.3103, 0.3336** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.6041, 0.3152, 0.3244**, and the grayscale version is **63.3953, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8979, 0.3095, 0.3351** is the 20% darker color. If you saturate the color by 10%, you get **60.5824, 0.3030, 0.3487**, and if you desaturate by 10%, it is **67.7339, 0.3176, 0.3202**.

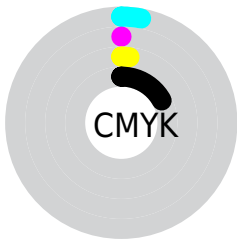
Distribution



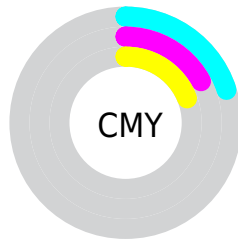
- Red (80%)
- Green (83%)
- Blue (81%)



- Red (80%)
- Yellow (82%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9309, 0.3103, 0.3336 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 63.9309, 0.3103, 0.3336 by changing the saturation by 10% instead.

■ 63.9309, 0.3103,
0.3336

■ 63.9309, 0.3103,
0.3336

438.9401, 0.3115,
0.3314

■ 46.5947, 0.3100,
0.3341

110.5114, 0.3107,
0.3328

■ 32.7154, 0.3097,
0.3348

140.5245, 0.3109,
0.3325

■ 21.9085, 0.3092,
0.3356

175.5321, 0.3110,
0.3323

■ 13.7897, 0.3087,
0.3367

215.9184, 0.3111,
0.3321

■ 7.9745, 0.3078,
0.3382

262.0680, 0.3112,
0.3319

■ 4.0787, 0.3066,
0.3406

314.3652, 0.3113,

■ 1.7177, 0.3045,

0.3317

0.3446

373.1944, 0.3114,
0.3316

0.4351, 0.2896,
0.3727

0.0000, 0.0000,
0.0000

63.9309, 0.3103,
0.3336

63.9309, 0.3103,
0.3336

60.5824, 0.3030,
0.3487

67.7339, 0.3176,
0.3202

57.6632, 0.2960,
0.3655

71.9995, 0.3248,
0.3084

55.1576, 0.2894,
0.3841

74.3316, 0.3228,
0.2971

53.0462, 0.2837,
0.4043

75.0662, 0.3147,
0.2861

■ 51.3078, 0.2790,
0.4257

■ 49.9190, 0.2758,
0.4480

■ 48.8538, 0.2743,
0.4705

■ 48.0823, 0.2748,
0.4924

■ 47.5688, 0.2771,
0.5130

Harmonies

Analogous

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



63.9309, 0.3145, 0.3358



63.9309, 0.3103, 0.3336



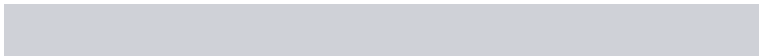
63.9309, 0.3068, 0.3302

Triad

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



63.9309, 0.3103, 0.3336



63.9309, 0.3072, 0.3220



63.9309, 0.3207, 0.3315

Complementary

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



63.9309, 0.3103, 0.3336



61.6041, 0.3152, 0.3244

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.



63.9309, 0.3187, 0.3278



63.9309, 0.3103, 0.3336



63.9309, 0.3109, 0.3224

Square

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



63.9309, 0.3103, 0.3336



63.9309, 0.3050, 0.3235



63.9309, 0.3151, 0.3245



63.9309, 0.3205, 0.3345

Rectangle

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



63.9309, 0.3103, 0.3336



63.9309, 0.3053, 0.3277



63.9309, 0.3151, 0.3245



63.9309, 0.3202, 0.3303

Sweetspot

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



63.9336, 0.3103, 0.3336



99.4259, 0.3120, 0.3304



64.3709, 0.3154, 0.3370



21.2873, 0.3120, 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.



63.9336, 0.3103, 0.3336



97.7462, 0.3098, 0.3347



64.1020, 0.3080, 0.3297



13.6331, 0.3093, 0.3356



28.5838, 0.2786, 0.5230



1.6140, 0.2684, 0.4864

Inverse Universe

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



61.6041, 0.3152, 0.3244



93.3861, 0.3158, 0.3234



61.4383, 0.3176, 0.3283



12.9265, 0.3163, 0.3225



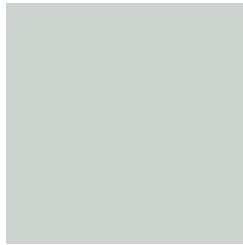
9.2082, 0.4642, 0.2331



0.5306, 0.4309, 0.2148

Previews

White Background



This preview shows how the Yxy color 63.9309, 0.3103, 0.3336 looks on a white background.

Color Contrast Check

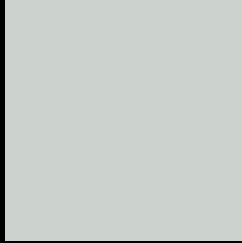
Large Text (above 18pt) WCAG AA × Fail

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 63.9309, 0.3103, 0.3336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

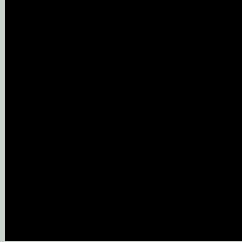
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

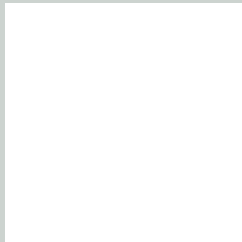
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9309, 0.3103, 0.3336

Background



This preview shows how black text looks on a background with the Yxy color 63.9309, 0.3103, 0.3336.



This preview shows how white text looks on a background with the Yxy color 63.9309, 0.3103, 0.3336.

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

63.9309, 0.3103, 0.3336

Protanopia

63.8157, 0.3194, 0.3324

Deuteranopia

63.5025, 0.3287, 0.3214



Tritanopia

63.8134, 0.3004, 0.3098

Trichromacy



Original Color

63.9309, 0.3103, 0.3336

Protanomaly

63.7588, 0.3156, 0.3324

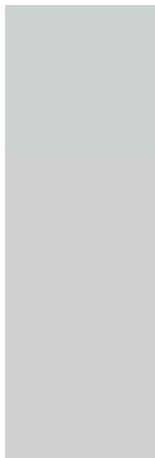
Deuteranomaly

63.4324, 0.3221, 0.3257

Tritanomaly

63.7847, 0.3044, 0.3187

Monochromacy



Original Color

63.9309, 0.3103, 0.3336

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4204, 0.3119, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9309, 0.3103, 0.3336 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(204, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(204, 211, 207)  
}
```

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(204, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 211, 207) }
```

Border

The CSS property to change the border of an element to Yxy 63.9309, 0.3103, 0.3336 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(204, 211, 207) }
```

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

```
.border{ border-color:rgb(204, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(204, 211,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9309, 0.3103, 0.3336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 211, 207) }
```

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

```
.background{ background-color: rgb(204,  
211, 207) }
```

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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