

Converting Colors

Yxy(63.9311, 0.3187, 0.3441)

Have a look what the booklet for
Yxy(63.9311, 0.3187, 0.3441)
contains.

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Color

Yxy(63.9311, 0.3187, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	CFD3C6
RGB	207, 211, 198
RGB Percent	81%, 83%, 78%
CMY	0.1884, 0.1725, 0.2235
CMYK	0.02, 0.00, 0.06, 0.17
HSL	79°, 13%, 80%
HSV	79°, 6%, 83%
XYZ	59.2120, 63.9311, 62.6491
YIQ	208.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

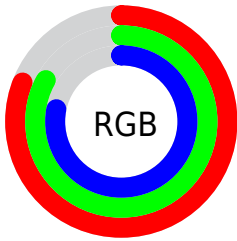
Format	Color
R_{YB}	198, 211, 202
Decimal	13620166
CIE Lab	83.93, -3.70, 5.95
CIE LCh	84, 7.003, 121.895
Yxy	63.9311, 0.3187, 0.3441
Android (android.graphics.Color)	4291810246 (0xFFCFD3C6)
YUV	208.3220, -5.0887, -1.1594
Hunter-Lab	79.9569, -7.7367, 9.5140

Details

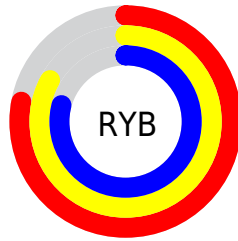
The Yxy color **63.9311, 0.3187, 0.3441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6609, 0.3065, 0.3137**, and the grayscale version is **63.3275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.8999, 0.3207, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **62.0996, 0.3285, 0.3699**, and if you desaturate by 10%, it is **65.9432, 0.3090, 0.3200**.

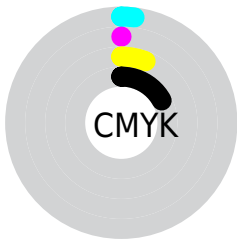
Distribution



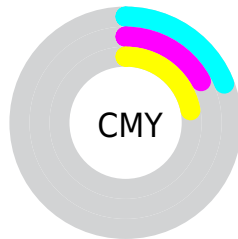
- Red (81%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (79%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (19%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9311, 0.3187, 0.3441 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 63.9311, 0.3187, 0.3441 by changing the saturation by 10% instead.

■ 63.9311, 0.3187,
0.3441

■ 63.9311, 0.3187,
0.3441

438.9408, 0.3159,
0.3369

■ 46.5949, 0.3194,
0.3458

110.5117, 0.3177,
0.3416

■ 32.7155, 0.3202,
0.3479

140.5249, 0.3173,
0.3406

■ 21.9086, 0.3212,
0.3507

175.5325, 0.3170,
0.3397

■ 13.7897, 0.3226,
0.3544

215.9189, 0.3167,
0.3390

■ 7.9746, 0.3245,
0.3596

262.0685, 0.3165,
0.3384

■ 4.0787, 0.3273,
0.3675

314.3658, 0.3163,

■ 1.7177, 0.3318,

0.3378

0.3809

373.1951, 0.3161,
0.3373

0.4351, 0.3959,
0.5330

0.0000, 0.0000,
0.0000

63.9311, 0.3187,
0.3441

63.9311, 0.3187,
0.3441

62.0996, 0.3285,
0.3699

65.9432, 0.3090,
0.3200

60.4344, 0.3382,
0.3970

68.1334, 0.2998,
0.2977

58.9319, 0.3473,
0.4246

70.0965, 0.2949,
0.2834

57.5850, 0.3555,
0.4520

71.1843, 0.2994,
0.2840

■ 56.3863, 0.3621,
0.4779

■ 72.3134, 0.3040,
0.2847

■ 55.3276, 0.3668,
0.5012

■ 73.4841, 0.3086,
0.2853

■ 54.3995, 0.3691,
0.5207

■ 74.6969, 0.3133,
0.2859

■ 53.5914, 0.3689,
0.5355

■ 75.0763, 0.3147,
0.2861

■ 52.8899, 0.3662,
0.5454

Harmonies

Analogous

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



63.9311, 0.3261, 0.3436



63.9311, 0.3187, 0.3441



63.9311, 0.3098, 0.3404

Triad

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



63.9311, 0.3187, 0.3441



63.9311, 0.2959, 0.3186



63.9311, 0.3237, 0.3245

Complementary

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



63.9311, 0.3187, 0.3441



57.6609, 0.3065, 0.3137

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.



63.9311, 0.3155, 0.3180



63.9311, 0.3187, 0.3441



63.9311, 0.2995, 0.3146

Square

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



63.9311, 0.3187, 0.3441



63.9311, 0.2967, 0.3255



63.9311, 0.3066, 0.3144



63.9311, 0.3290, 0.3322

Rectangle

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



63.9311, 0.3187, 0.3441



63.9311, 0.3043, 0.3361



63.9311, 0.3066, 0.3144



63.9311, 0.3212, 0.3221

Sweetspot

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



63.9339, 0.3187, 0.3441



99.3757, 0.3147, 0.3339



60.1278, 0.3227, 0.3336



21.2771, 0.3146, 0.3336



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.



63.9339, 0.3187, 0.3441



97.8635, 0.3196, 0.3464



63.0373, 0.3139, 0.3443



13.6812, 0.3200, 0.3475



31.8194, 0.3657, 0.5478



1.8202, 0.3758, 0.5398

Inverse Universe

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



57.6609, 0.3065, 0.3137



86.8788, 0.3055, 0.3114



58.5658, 0.3114, 0.3140



12.0514, 0.3050, 0.3102



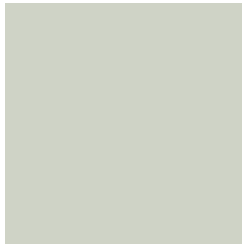
3.5802, 0.1723, 0.0723



0.2421, 0.1928, 0.0836

Previews

White Background



This preview shows how the Yxy color 63.9311, 0.3187, 0.3441 looks on a white background.

Color Contrast Check

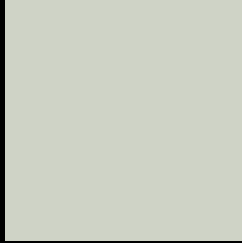
Large Text (above 18pt) WCAG AA × Fail

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 63.9311, 0.3187, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

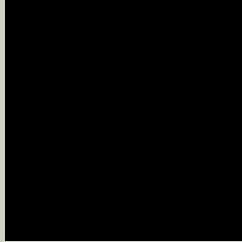
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

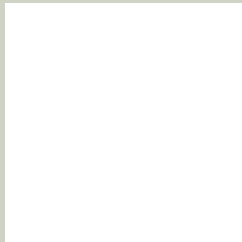
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9311, 0.3187, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 63.9311, 0.3187, 0.3441.



This preview shows how white text looks on a background with the Yxy color 63.9311, 0.3187, 0.3441.

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

63.9311, 0.3187, 0.3441

Protanopia

63.7419, 0.3266, 0.3416

Deuteranopia

63.7348, 0.3386, 0.3313



Tritanopia

63.8563, 0.3040, 0.3099

Trichromacy



Original Color

63.9311, 0.3187, 0.3441

Protanomaly

63.7783, 0.3242, 0.3428

Deuteranomaly

63.6335, 0.3318, 0.3358

Tritanomaly

63.7197, 0.3094, 0.3211

Monochromacy



Original Color

63.9311, 0.3187, 0.3441

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3705, 0.3154, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9311, 0.3187, 0.3441 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(207, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 198)  
}
```

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(207, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 198) }
```

Border

The CSS property to change the border of an element to Yxy 63.9311, 0.3187, 0.3441 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(207, 211, 198) }
```

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

```
.border{ border-color:rgb(207, 211, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 211, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(207, 211,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9311, 0.3187, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 211, 198) }
```

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

```
.background{ background-color: rgb(207,  
211, 198) }
```

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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