

Converting Colors

$Yxy(65.3980, 0.3132, 0.3367)$

Have a look what the booklet for
Yxy(65.3980, 0.3132, 0.3367)
contains.

Yxy(65.3101, 0.3131, 0.3370)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.3101, 0.3131, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	CFD5CE
RGB	207, 213, 206
RGB Percent	81%, 84%, 81%
CMY	0.1880, 0.1647, 0.1921
CMYK	0.03, 0.00, 0.03, 0.16
HSL	111°, 8%, 82%
HSV	111°, 3%, 84%
XYZ	60.6783, 65.3101, 67.8101
YIQ	210.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

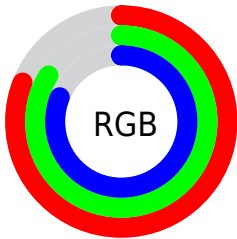
Format	Color
R _Y B	206, 213, 212
Decimal	13620686
CIE Lab	84.64, -3.28, 2.73
CIE LCh	85, 4.265, 140.240
Yxy	65.3101, 0.3131, 0.3370
Android (android.graphics.Color)	4291810766 (0xFFCFD5CE)
YUV	210.4080, -2.1731, -2.9888
Hunter-Lab	80.8147, -7.4020, 6.8211

Details

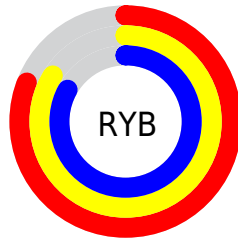
The Yxy color **65.3101, 0.3131, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9449, 0.3123, 0.3211**, and the grayscale version is **64.7526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.4930, 0.3133, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **61.8808, 0.3142, 0.3635**, and if you desaturate by 10%, it is **69.1857, 0.3119, 0.3136**.

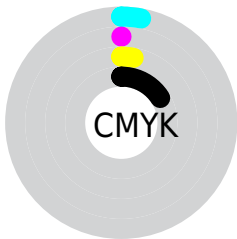
Distribution



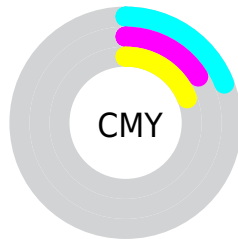
- Red (81%)
- Green (84%)
- Blue (81%)



- Red (81%)
- Yellow (84%)
- Blue (83%)



- Cyan (3%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (19%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.3101, 0.3131, 0.3370 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 65.3101, 0.3131, 0.3370 by changing the saturation by 10% instead.

■ 65.3101, 0.3131,
0.3370

■ 65.3101, 0.3131,
0.3370

443.9055, 0.3129,
0.3332

■ 47.7126, 0.3131,
0.3379

112.4956, 0.3130,
0.3357

■ 33.5993, 0.3132,
0.3390

142.8523, 0.3130,
0.3352

■ 22.5860, 0.3132,
0.3404

178.2309, 0.3130,
0.3347

■ 14.2881, 0.3133,
0.3424

219.0157, 0.3130,
0.3343

■ 8.3213, 0.3134,
0.3450

265.5912, 0.3130,
0.3340

■ 4.3012, 0.3135,
0.3491

318.3417, 0.3130,

■ 1.8435, 0.3137,

0.3337

0.3559

377.6517, 0.3129,
0.3334

■ 0.5140, 0.3163,
0.3980

■ 0.0000, 0.0000,
0.0000

■ 65.3101, 0.3131,
0.3370

■ 65.3101, 0.3131,
0.3370

■ 61.8808, 0.3142,
0.3635

■ 69.1857, 0.3119,
0.3136

■ 58.8737, 0.3150,
0.3931

■ 73.5140, 0.3106,
0.2931

■ 56.2748, 0.3155,
0.4253

■ 76.0634, 0.3146,
0.2881

■ 54.0664, 0.3155,
0.4593

■ 52.2295, 0.3149,
0.4936

■ 50.7433, 0.3135,
0.5262

■ 49.5850, 0.3114,
0.5547

■ 48.7290, 0.3087,
0.5768

■ 48.1458, 0.3057,
0.5911

Harmonies

Analogous

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



65.3101, 0.3183, 0.3383



65.3101, 0.3131, 0.3370



65.3101, 0.3079, 0.3335

Triad

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



65.3101, 0.3131, 0.3370



65.3101, 0.3035, 0.3210



65.3101, 0.3216, 0.3291

Complementary

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



65.3101, 0.3131, 0.3370



62.9449, 0.3123, 0.3211

Split Complementary

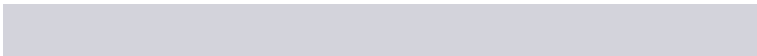
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.3101, 0.3176, 0.3246



65.3101, 0.3131, 0.3370



65.3101, 0.3072, 0.3199

Square

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



65.3101, 0.3131, 0.3370



65.3101, 0.3024, 0.3242



65.3101, 0.3123, 0.3212



65.3101, 0.3232, 0.3337

Rectangle

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



65.3101, 0.3131, 0.3370



65.3101, 0.3050, 0.3304



65.3101, 0.3123, 0.3212



65.3101, 0.3205, 0.3276

Sweetspot

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



65.3129, 0.3131, 0.3370



99.4271, 0.3128, 0.3314



65.6605, 0.3176, 0.3357



21.2875, 0.3128, 0.3313



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.



65.3129, 0.3131, 0.3370



97.7494, 0.3132, 0.3389



65.2842, 0.3107, 0.3342



14.3468, 0.3133, 0.3406



29.2797, 0.3044, 0.5965



1.7947, 0.3140, 0.5889

Inverse Universe

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



62.9449, 0.3123, 0.3211



93.3785, 0.3122, 0.3192



62.9758, 0.3148, 0.3239



13.5994, 0.3121, 0.3176



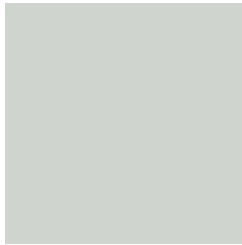
9.0044, 0.2840, 0.1338



0.5690, 0.2907, 0.1375

Previews

White Background



This preview shows how the Yxy color 65.3101, 0.3131, 0.3370 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 65.3101, 0.3131, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

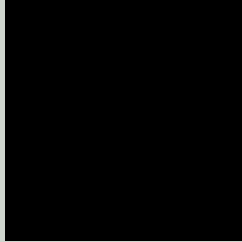
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

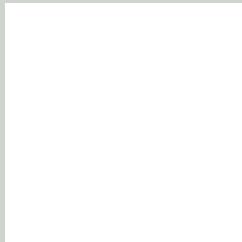
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3101, 0.3131, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 65.3101, 0.3131, 0.3370.



This preview shows how white text looks on a background with the Yxy color 65.3101, 0.3131, 0.3370.

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





Tritanopia

65.2858, 0.3019, 0.3111

Trichromacy



Original Color

65.3101, 0.3131, 0.3370

Protanomaly

65.1424, 0.3184, 0.3358

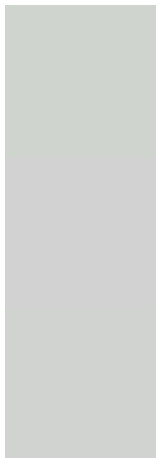
Deuteranomaly

64.9779, 0.3257, 0.3290

Tritanomaly

65.2583, 0.3058, 0.3200

Monochromacy



Original Color

65.3101, 0.3131, 0.3370

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7473, 0.3126, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3101, 0.3131, 0.3370 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, 213, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 213, 206)  
}
```

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, 213, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 213, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.3101, 0.3131, 0.3370 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, 213, 206) }
```

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

```
.border{ border-color:rgb(207, 213, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 213, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 213, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 213, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 213,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3101, 0.3131, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 213, 206) }
```

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

```
.background{ background-color: rgb(207,  
213, 206) }
```

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