

Converting Colors

$Yxy(67.3702, 0.3137, 0.3414)$

Have a look what the booklet for
Yxy(67.3702, 0.3137, 0.3414)
contains.

Yxy(67.4918, 0.3136, 0.3415)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4918, 0.3136, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	D0D9CE
RGB	208, 217, 206
RGB Percent	82%, 85%, 81%
CMY	0.1841, 0.1491, 0.1921
CMYK	0.04, 0.00, 0.05, 0.15
HSL	109°, 13%, 83%
HSV	109°, 5%, 85%
XYZ	61.9778, 67.4918, 68.1638
YIQ	213.0550, -1.8330, -5.3290

Conversions

Conversions Part 2

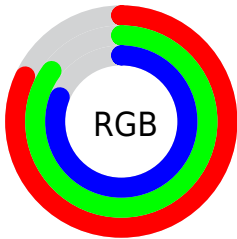
Format	Color
R _Y B	206, 217, 215
Decimal	13687246
CIE Lab	85.75, -5.00, 4.34
CIE LCh	86, 6.626, 139.052
Yxy	67.4918, 0.3136, 0.3415
Android (android.graphics.Color)	4291877326 (0xFFD0D9CE)
YUV	213.0550, -3.4781, -4.4332
Hunter-Lab	82.1534, -9.1052, 8.3137

Details

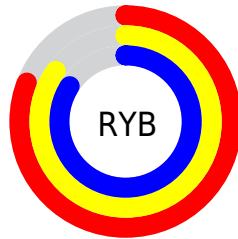
The Yxy color **67.4918, 0.3136, 0.3415** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6011, 0.3118, 0.3167**, and the grayscale version is **66.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.9777, 0.3139, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **64.0896, 0.3152, 0.3685**, and if you desaturate by 10%, it is **71.3311, 0.3118, 0.3175**.

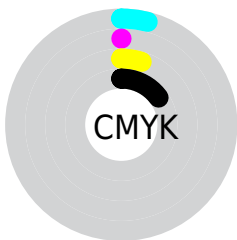
Distribution



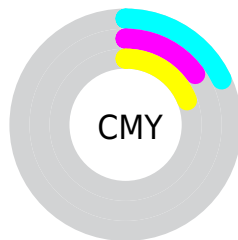
- Red (82%)
- Green (85%)
- Blue (81%)



- Red (81%)
- Yellow (85%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4918, 0.3136, 0.3415 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 67.4918, 0.3136, 0.3415 by changing the saturation by 10% instead.

■ 67.4918, 0.3136,
0.3415

■ 67.4918, 0.3136,
0.3415

451.6933, 0.3132,
0.3356

■ 49.4844, 0.3137,
0.3429

115.6248, 0.3135,
0.3394

■ 35.0039, 0.3138,
0.3446

146.5192, 0.3134,
0.3386

■ 23.6659, 0.3139,
0.3468

182.4781, 0.3134,
0.3379

■ 15.0860, 0.3141,
0.3498

223.8859, 0.3133,
0.3373

■ 8.8797, 0.3143,
0.3539

271.1269, 0.3133,
0.3368

■ 4.6628, 0.3145,
0.3601

324.5855, 0.3133,

■ 2.0508, 0.3148,

0.3364

0.3704

384.6462, 0.3132,
0.3360

0.6367, 0.3200,
0.4218

0.0000, 0.0000,
0.0000

67.4918, 0.3136,
0.3415

67.4918, 0.3136,
0.3415

64.0896, 0.3152,
0.3685

71.3311, 0.3118,
0.3175

61.1004, 0.3166,
0.3984

75.6132, 0.3100,
0.2964

58.5111, 0.3175,
0.4308

78.1003, 0.3145,
0.2920

56.3044, 0.3179,
0.4646

■ 54.4619, 0.3175,
0.4984

■ 52.9633, 0.3161,
0.5301

■ 51.7866, 0.3139,
0.5574

■ 50.9069, 0.3108,
0.5781

■ 50.2954, 0.3072,
0.5912

Harmonies

Analogous

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



67.4918, 0.3215, 0.3433



67.4918, 0.3136, 0.3415



67.4918, 0.3055, 0.3362

Triad

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



67.4918, 0.3136, 0.3415



67.4918, 0.2985, 0.3168



67.4918, 0.3262, 0.3289

Complementary

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



67.4918, 0.3136, 0.3415



63.6011, 0.3118, 0.3167

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.



67.4918, 0.3198, 0.3220



67.4918, 0.3136, 0.3415



67.4918, 0.3039, 0.3150

Square

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



67.4918, 0.3136, 0.3415



67.4918, 0.2969, 0.3218



67.4918, 0.3117, 0.3169



67.4918, 0.3288, 0.3359

Rectangle

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



67.4918, 0.3136, 0.3415



67.4918, 0.3012, 0.3315



67.4918, 0.3117, 0.3169



67.4918, 0.3244, 0.3265

Sweetspot

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



67.4947, 0.3136, 0.3415



98.8963, 0.3131, 0.3339



67.7039, 0.3203, 0.3388



21.1795, 0.3131, 0.3337



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.



67.4947, 0.3136, 0.3415



96.7655, 0.3138, 0.3441



67.3635, 0.3099, 0.3378



14.9424, 0.3139, 0.3455



30.3499, 0.3062, 0.5950



2.0011, 0.3166, 0.5868

Inverse Universe

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



63.6011, 0.3118, 0.3167



90.0900, 0.3116, 0.3142



63.7411, 0.3156, 0.3204



13.8184, 0.3114, 0.3129



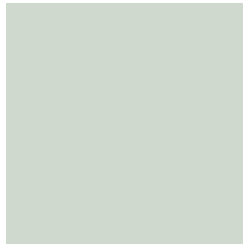
8.7192, 0.2746, 0.1287



0.5971, 0.2826, 0.1330

Previews

White Background



This preview shows how the Yxy color 67.4918, 0.3136, 0.3415 looks on a white background.

Color Contrast Check

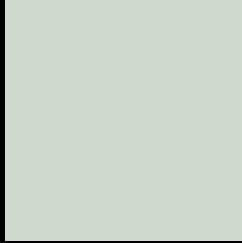
Large Text (above 18pt) WCAG AA × Fail

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 67.4918, 0.3136, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

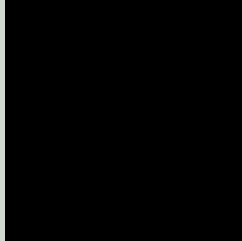
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

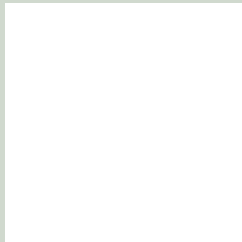
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4918, 0.3136, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 67.4918, 0.3136, 0.3415.

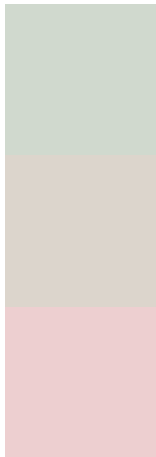


This preview shows how white text looks on a background with the Yxy color 67.4918, 0.3136, 0.3415.

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

67.4918, 0.3136, 0.3415

Protanopia

67.1638, 0.3242, 0.3391

Deuteranopia

67.1842, 0.3350, 0.3280



Tritanopia

67.2987, 0.3007, 0.3102

Trichromacy



Original Color

67.4918, 0.3136, 0.3415

Protanomaly

67.0998, 0.3204, 0.3391

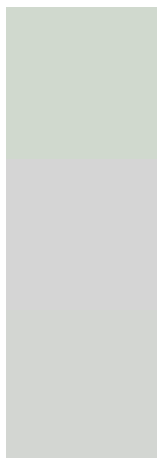
Deuteranomaly

67.2623, 0.3268, 0.3334

Tritanomaly

67.1625, 0.3059, 0.3212

Monochromacy



Original Color

67.4918, 0.3136, 0.3415

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.5952, 0.3132, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4918, 0.3136, 0.3415 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(208, 217, 206)` looks like.

```
.text, #text, p{  
    color:rgb(208, 217, 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(208, 217, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 217, 206) }
```

Border

The CSS property to change the border of an element to Yxy 67.4918, 0.3136, 0.3415 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(208, 217, 206) }
```

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

```
.border{ border-color:rgb(208, 217, 206) }
```

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

Here you see how a box with a 4 pixel rgb(208, 217, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 217, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 217, 206);  
box-shadow:4px 4px 4px 4px rgb(208, 217,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4918, 0.3136, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 217, 206) }
```

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

```
.background{ background-color: rgb(208,  
217, 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