

Converting Colors

Yxy(68.2490, 0.3132, 0.3339)

Have a look what the booklet for
Yxy(68.2490, 0.3132, 0.3339)
contains.

Yxy(68.0113, 0.3132, 0.3335)	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(68.0113, 0.3132, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8D4
RGB	213, 216, 212
RGB Percent	84%, 85%, 83%
CMY	0.1649, 0.1529, 0.1686
CMYK	0.01, 0.00, 0.02, 0.15
HSL	106°, 5%, 84%
HSV	106°, 2%, 85%
XYZ	63.8715, 68.0113, 72.0492
YIQ	214.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

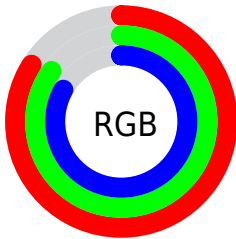
Format	Color
R_{YB}	212, 216, 215
Decimal	14014676
CIE Lab	86.01, -1.76, 1.60
CIE LCh	86, 2.376, 137.642
Yxy	68.0113, 0.3132, 0.3335
Android (android.graphics.Color)	4292204756 (0xFFD5D8D4)
YUV	214.6470, -1.3050, -1.4444
Hunter-Lab	82.4690, -6.0740, 5.9295

Details

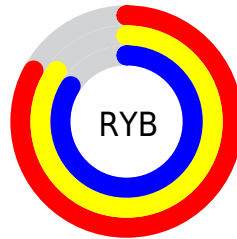
The Yxy color **68.0113, 0.3132, 0.3335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5029, 0.3122, 0.3245**, and the grayscale version is **67.7113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.1932, 0.3134, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **64.6607, 0.3157, 0.3594**, and if you desaturate by 10%, it is **71.7629, 0.3106, 0.3104**.

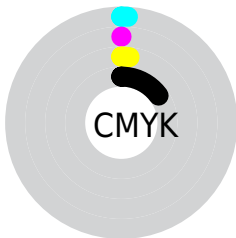
Distribution



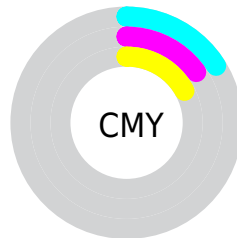
- Red (84%)
- Green (85%)
- Blue (83%)



- Red (83%)
- Yellow (85%)
- Blue (84%)



- Cyan (1%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0113, 0.3132, 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 68.0113, 0.3132, 0.3335 by changing the saturation by 10% instead.

■ 68.0113, 0.3132,
0.3335

■ 68.0113, 0.3132,
0.3335

453.5361, 0.3130,
0.3314

■ 49.9069, 0.3133,
0.3340

116.3683, 0.3131,
0.3328

■ 35.3395, 0.3133,
0.3346

147.3897, 0.3131,
0.3325

■ 23.9245, 0.3134,
0.3354

183.4856, 0.3131,
0.3322

■ 15.2776, 0.3135,
0.3364

225.0404, 0.3130,
0.3320

■ 9.0144, 0.3136,
0.3379

272.4384, 0.3130,
0.3318

■ 4.7506, 0.3138,
0.3400

326.0641, 0.3130,

■ 2.1017, 0.3142,

0.3317

386.3019, 0.3130,
0.3315

0.3435

0.6656, 0.3157,
0.3563

0.0000, 0.0000,
0.0000

68.0113, 0.3132,
0.3335

68.0113, 0.3132,
0.3335

64.6607, 0.3157,
0.3594

71.7629, 0.3106,
0.3104

61.6893, 0.3180,
0.3882

75.9061, 0.3081,
0.2903

59.0860, 0.3200,
0.4194

77.6003, 0.3145,
0.2911

56.8362, 0.3213,
0.4523

■ 54.9241, 0.3217,
0.4857

■ 53.3326, 0.3211,
0.5177

■ 52.0433, 0.3192,
0.5462

■ 51.0353, 0.3162,
0.5691

■ 50.2851, 0.3122,
0.5849

Harmonies

Analogous

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



68.0113, 0.3160, 0.3341



68.0113, 0.3132, 0.3335



68.0113, 0.3103, 0.3317

Triad

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



68.0113, 0.3132, 0.3335



68.0113, 0.3076, 0.3247



68.0113, 0.3174, 0.3289

Complementary

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



68.0113, 0.3132, 0.3335



66.5029, 0.3122, 0.3245

Split Complementary

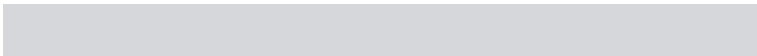
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.0113, 0.3152, 0.3264



68.0113, 0.3132, 0.3335



68.0113, 0.3095, 0.3240

Square

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



68.0113, 0.3132, 0.3335



68.0113, 0.3070, 0.3266



68.0113, 0.3122, 0.3246



68.0113, 0.3184, 0.3314

Rectangle

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



68.0113, 0.3132, 0.3335



68.0113, 0.3087, 0.3300



68.0113, 0.3122, 0.3246



68.0113, 0.3168, 0.3280

Sweetspot

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



68.0142, 0.3132, 0.3335



99.4705, 0.3130, 0.3314



67.9627, 0.3155, 0.3324



21.2964, 0.3130, 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.



68.0142, 0.3132, 0.3335



98.9469, 0.3132, 0.3339



67.9222, 0.3118, 0.3324



14.5871, 0.3132, 0.3336



29.5363, 0.3097, 0.5923



1.8201, 0.3220, 0.5825

Inverse Universe

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



66.5029, 0.3122, 0.3245



96.5589, 0.3122, 0.3241



66.5967, 0.3136, 0.3256



14.2586, 0.3122, 0.3245



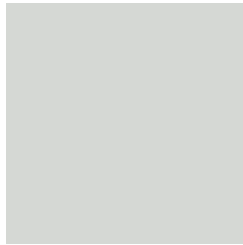
7.6853, 0.2615, 0.1214



0.5003, 0.2722, 0.1273

Previews

White Background



This preview shows how the Yxy color 68.0113, 0.3132, 0.3335 looks on a white background.

Color Contrast Check

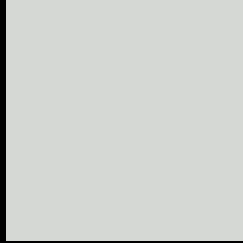
Large Text (above 18pt) WCAG AA × Fail

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 68.0113, 0.3132, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

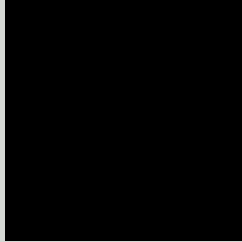
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

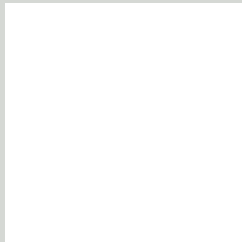
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0113, 0.3132, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 68.0113, 0.3132, 0.3335.

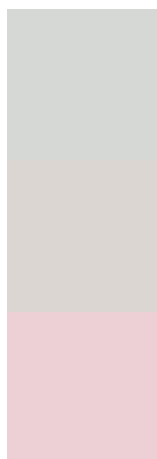


This preview shows how white text looks on a background with the Yxy color 68.0113, 0.3132, 0.3335.

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

68.0113, 0.3132, 0.3335

Protanopia

68.0119, 0.3192, 0.3323

Deuteranopia

67.7997, 0.3297, 0.3226



Tritanopia

67.9006, 0.3035, 0.3104

Trichromacy



Original Color

68.0113, 0.3132, 0.3335

Protanomaly

68.0557, 0.3169, 0.3335

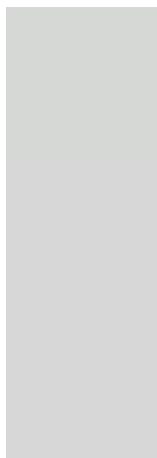
Deuteranomaly

67.8866, 0.3240, 0.3269

Tritanomaly

67.8679, 0.3074, 0.3190

Monochromacy



Original Color

68.0113, 0.3132, 0.3335

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7521, 0.3127, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0113, 0.3132, 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(213, 216, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 212)  
}
```

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(213, 216, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 212) }
```

Border

The CSS property to change the border of an element to Yxy 68.0113, 0.3132, 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(213, 216, 212) }
```

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

```
.border{ border-color:rgb(213, 216, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0113, 0.3132, 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(213, 216, 212) }
```

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

```
.background{ background-color: rgb(213,  
216, 212) }
```

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