

Converting Colors

Yxy(68.0808, 0.3110, 0.3346)

Have a look what the booklet for
Yxy(68.0808, 0.3110, 0.3346)
contains.

Yxy(68.0808, 0.3110, 0.3346)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.0808, 0.3110, 0.3346)

Conversions

Conversions Part 1

Format	Color
Hex	D2D9D4
RGB	210, 217, 212
RGB Percent	82%, 85%, 83%
CMY	0.1764, 0.1490, 0.1685
CMYK	0.03, 0.00, 0.02, 0.15
HSL	137°, 8%, 84%
HSV	137°, 3%, 85%
XYZ	63.2789, 68.0808, 72.1095
YIQ	214.3370, -2.5670, -3.0390

Conversions

Conversions Part 2

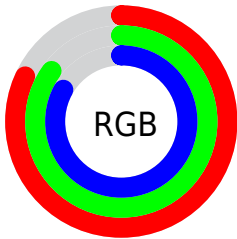
Format	Color
R_{YB}	210, 215, 217
Decimal	13818324
CIE _{Lab}	86.05, -3.26, 1.61
CIE _{LCh}	86, 3.640, 153.716
Yxy	68.0808, 0.3110, 0.3346
Android (android.graphics.Color)	4292008404 (0xFFD2D9D4)
YUV	214.3370, -1.1521, -3.8035
Hunter-Lab	82.5111, -7.5002, 5.9420

Details

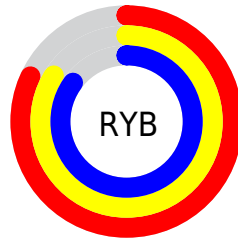
The Yxy color **68.0808, 0.3110, 0.3346** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.7548, 0.3145, 0.3235**, and the grayscale version is **67.4965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3429, 0.3114, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **64.3690, 0.3057, 0.3535**, and if you desaturate by 10%, it is **72.3049, 0.3163, 0.3180**.

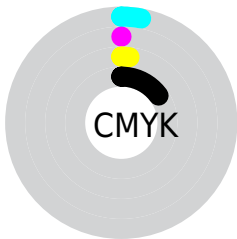
Distribution



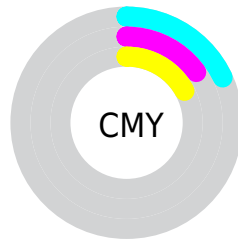
- Red (82%)
- Green (85%)
- Blue (83%)



- Red (82%)
- Yellow (84%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0808, 0.3110, 0.3346 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 68.0808, 0.3110, 0.3346 by changing the saturation by 10% instead.

■ 68.0808, 0.3110,
0.3346

■ 68.0808, 0.3110,
0.3346

453.7822, 0.3118,
0.3320

■ 49.9635, 0.3108,
0.3352

116.4677, 0.3113,
0.3337

■ 35.3844, 0.3106,
0.3360

147.5061, 0.3114,
0.3333

■ 23.9591, 0.3103,
0.3369

183.6203, 0.3115,
0.3330

■ 15.3033, 0.3099,
0.3382

225.1947, 0.3116,
0.3328

■ 9.0325, 0.3093,
0.3400

272.6137, 0.3116,
0.3325

■ 4.7624, 0.3085,
0.3427

326.2617, 0.3117,

■ 2.1085, 0.3071,

0.3323

0.3471

386.5231, 0.3118,
0.3321

0.6694, 0.3021,
0.3634

0.0000, 0.0000,
0.0000

68.0808, 0.3110,
0.3346

68.0808, 0.3110,
0.3346

64.3690, 0.3057,
0.3535

72.3049, 0.3163,
0.3180

61.1413, 0.3004,
0.3747

77.0507, 0.3214,
0.3034

58.3800, 0.2955,
0.3981

78.1060, 0.3145,
0.2920

56.0631, 0.2912,
0.4236

■ 54.1667, 0.2877,
0.4504

■ 52.6646, 0.2854,
0.4779

■ 51.5274, 0.2847,
0.5047

■ 50.7216, 0.2855,
0.5297

■ 50.2072, 0.2879,
0.5515

Harmonies

Analogous

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



68.0808, 0.3155, 0.3366



68.0808, 0.3110, 0.3346



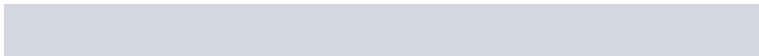
68.0808, 0.3070, 0.3311

Triad

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



68.0808, 0.3110, 0.3346



68.0808, 0.3061, 0.3216



68.0808, 0.3211, 0.3309

Complementary

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



68.0808, 0.3110, 0.3346



65.7548, 0.3145, 0.3235

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.



68.0808, 0.3185, 0.3269



68.0808, 0.3110, 0.3346



68.0808, 0.3099, 0.3216

Square

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



68.0808, 0.3110, 0.3346



68.0808, 0.3042, 0.3236



68.0808, 0.3144, 0.3235



68.0808, 0.3214, 0.3344

Rectangle

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



68.0808, 0.3110, 0.3346



68.0808, 0.3051, 0.3284



68.0808, 0.3144, 0.3235



68.0808, 0.3204, 0.3296

Sweetspot

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



68.0837, 0.3110, 0.3346



99.4033, 0.3122, 0.3307



68.7296, 0.3160, 0.3368



21.2827, 0.3122, 0.3306



0.0000, 0.0000, 0.0000



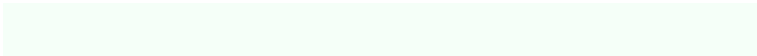
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.0837, 0.3110, 0.3346



97.6579, 0.3106, 0.3361



68.2602, 0.3087, 0.3307



15.0650, 0.3102, 0.3373



30.2714, 0.2893, 0.5615



1.9759, 0.2801, 0.5285

Inverse Universe

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



65.7548, 0.3145, 0.3235



93.4757, 0.3149, 0.3220



65.5788, 0.3169, 0.3273



14.3111, 0.3153, 0.3209



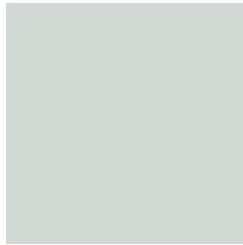
10.3691, 0.4098, 0.2031



0.6864, 0.3920, 0.1933

Previews

White Background



This preview shows how the Yxy color 68.0808, 0.3110, 0.3346 looks on a white background.

Color Contrast Check

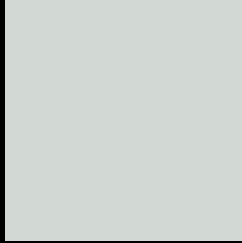
Large Text (above 18pt) WCAG AA × Fail

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 68.0808, 0.3110, 0.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

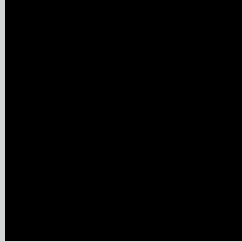
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

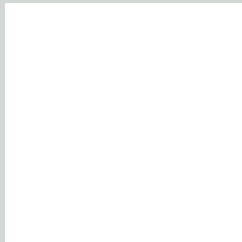
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0808, 0.3110, 0.3346

Background



This preview shows how black text looks on a background with the Yxy color 68.0808, 0.3110, 0.3346.

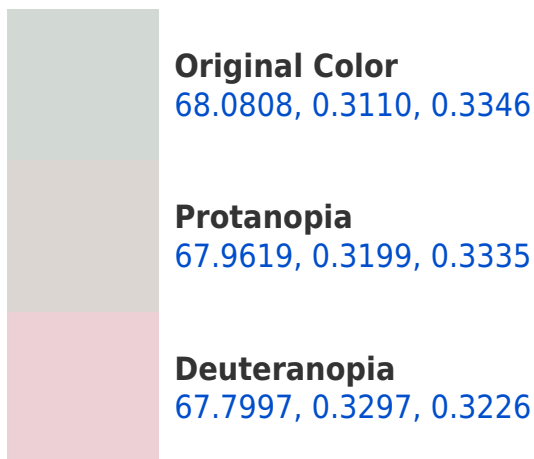


This preview shows how white text looks on a background with the Yxy color 68.0808, 0.3110, 0.3346.

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

68.0088, 0.3007, 0.3103

Trichromacy



Original Color

68.0808, 0.3110, 0.3346

Protanomaly

67.9030, 0.3162, 0.3335

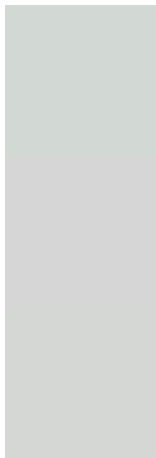
Deuteranomaly

67.7235, 0.3233, 0.3269

Tritanomaly

67.9797, 0.3046, 0.3190

Monochromacy



Original Color

68.0808, 0.3110, 0.3346

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.5511, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0808, 0.3110, 0.3346 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(210, 217, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 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(210, 217, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 212) }
```

Border

The CSS property to change the border of an element to Yxy 68.0808, 0.3110, 0.3346 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(210, 217, 212) }
```

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

```
.border{ border-color:rgb(210, 217, 212) }
```

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

Here you see how a box with a 4 pixel rgb(210, 217, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0808, 0.3110, 0.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 217, 212) }
```

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

```
.background{ background-color: rgb(210,  
217, 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](#).

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