

Converting Colors

Yxy(67.9606, 0.3116, 0.3350)

Have a look what the booklet for
Yxy(67.9606, 0.3116, 0.3350)
contains.

Yxy(68.0305, 0.3117, 0.3358)	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(68.0305, 0.3117, 0.3358)

Conversions

Conversions Part 1

Format	Color
Hex	D2D9D3
RGB	210, 217, 211
RGB Percent	82%, 85%, 83%
CMY	0.1764, 0.1490, 0.1726
CMYK	0.03, 0.00, 0.03, 0.15
HSL	128°, 8%, 84%
HSV	128°, 3%, 85%
XYZ	63.1480, 68.0305, 71.4138
YIQ	214.2230, -2.2460, -3.3500

Conversions

Conversions Part 2

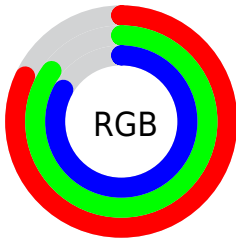
Format	Color
RYB	210, 216, 217
Decimal	13818323
CIELab	86.02, -3.46, 2.13
CIElCh	86, 4.061, 148.346
Yxy	68.0305, 0.3117, 0.3358
Android (android.graphics.Color)	4292008403 (0xFFD2D9D3)
YUV	214.2230, -1.5889, -3.7036
Hunter-Lab	82.4806, -7.6796, 6.4016

Details

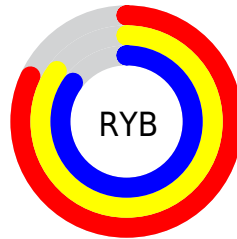
The Yxy color **68.0305, 0.3117, 0.3358** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8100, 0.3137, 0.3223**, and the grayscale version is **67.4166, 0.3127, 0.3290**.

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 **64.1770, 0.3085, 0.3588**, and if you desaturate by 10%, it is **72.4309, 0.3148, 0.3156**.

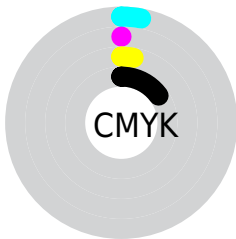
Distribution



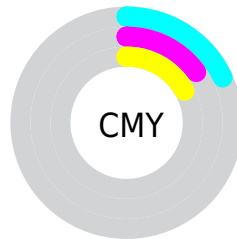
- Red (82%)
- Green (85%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.0305, 0.3117, 0.3358 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 68.0305, 0.3117, 0.3358 by changing the saturation by 10% instead.

■ 68.0305, 0.3117,
0.3358

■ 68.0305, 0.3117,
0.3358

453.6041, 0.3122,
0.3326

■ 49.9225, 0.3116,
0.3365

116.3958, 0.3119,
0.3347

■ 35.3519, 0.3114,
0.3375

147.4219, 0.3119,
0.3342

■ 23.9340, 0.3113,
0.3387

183.5228, 0.3120,
0.3339

■ 15.2847, 0.3110,
0.3402

225.0830, 0.3120,
0.3336

■ 9.0194, 0.3107,
0.3424

272.4869, 0.3121,
0.3333

■ 4.7539, 0.3101,
0.3457

326.1187, 0.3121,

■ 2.1036, 0.3092,

0.3330

386.3630, 0.3122,
0.3328

0.3511

0.6666, 0.3064,
0.3719

0.0000, 0.0000,
0.0000

68.0305, 0.3117,
0.3358

68.0305, 0.3117,
0.3358

64.1770, 0.3085,
0.3588

72.4309, 0.3148,
0.3156

60.8406, 0.3052,
0.3847

77.3892, 0.3177,
0.2981

58.0020, 0.3021,
0.4134

78.1086, 0.3145,
0.2920

55.6370, 0.2992,
0.4443

■ 53.7198, 0.2968,
0.4764

■ 52.2218, 0.2952,
0.5080

■ 51.1113, 0.2945,
0.5374

■ 50.3517, 0.2949,
0.5623

■ 49.8995, 0.2962,
0.5810

Harmonies

Analogous

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



68.0305, 0.3167, 0.3376



68.0305, 0.3117, 0.3358



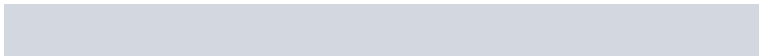
68.0305, 0.3070, 0.3321

Triad

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



68.0305, 0.3117, 0.3358



68.0305, 0.3048, 0.3210



68.0305, 0.3217, 0.3303

Complementary

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



68.0305, 0.3117, 0.3358



65.8100, 0.3137, 0.3223

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.



68.0305, 0.3185, 0.3259



68.0305, 0.3117, 0.3358



68.0305, 0.3087, 0.3206

Square

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



68.0305, 0.3117, 0.3358



68.0305, 0.3030, 0.3235



68.0305, 0.3137, 0.3224



68.0305, 0.3225, 0.3344

Rectangle

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



68.0305, 0.3117, 0.3358



68.0305, 0.3047, 0.3291



68.0305, 0.3137, 0.3224



68.0305, 0.3208, 0.3288

Sweetspot

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



68.0334, 0.3117, 0.3358



99.3788, 0.3124, 0.3311



68.8921, 0.3167, 0.3368



21.2777, 0.3124, 0.3310



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.



68.0334, 0.3117, 0.3358



97.5632, 0.3114, 0.3376



68.2091, 0.3094, 0.3319



15.0479, 0.3112, 0.3391



30.1065, 0.2968, 0.5884



1.9601, 0.2900, 0.5640

Inverse Universe

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



65.8100, 0.3137, 0.3223



93.5734, 0.3140, 0.3206



65.6326, 0.3162, 0.3261



14.3288, 0.3142, 0.3191



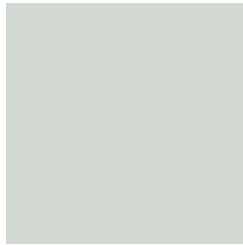
11.1141, 0.3590, 0.1751



0.7287, 0.3519, 0.1712

Previews

White Background



This preview shows how the Yxy color 68.0305, 0.3117, 0.3358 looks on a white background.

Color Contrast Check

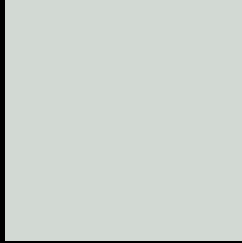
Large Text (above 18pt) WCAG AA × Fail

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 68.0305, 0.3117, 0.3358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

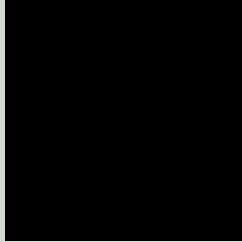
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

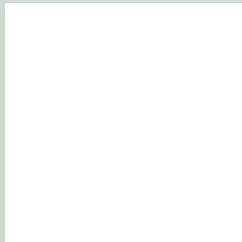
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0305, 0.3117, 0.3358

Background



This preview shows how black text looks on a background with the Yxy color 68.0305, 0.3117, 0.3358.

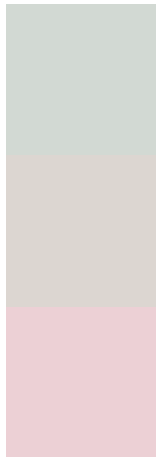


This preview shows how white text looks on a background with the Yxy color 68.0305, 0.3117, 0.3358.

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

68.0305, 0.3117, 0.3358

Protanopia

67.9122, 0.3206, 0.3346

Deuteranopia

67.7487, 0.3304, 0.3237



Tritanopia

68.0088, 0.3007, 0.3103

Trichromacy



Original Color

68.0305, 0.3117, 0.3358

Protanomaly

67.8530, 0.3168, 0.3346

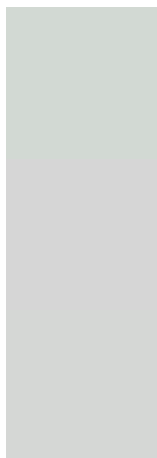
Deuteranomaly

67.6729, 0.3240, 0.3279

Tritanomaly

67.9797, 0.3046, 0.3190

Monochromacy



Original Color

68.0305, 0.3117, 0.3358

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 68.0305, 0.3117, 0.3358 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, 211)` looks like.

```
.text, #text, p{  
    color:rgb(210, 217, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 217, 211) }
```

Border

The CSS property to change the border of an element to Yxy 68.0305, 0.3117, 0.3358 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, 211) }
```

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

```
.border{ border-color:rgb(210, 217, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 217,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0305, 0.3117, 0.3358 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, 211) }
```

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

```
.background{ background-color: rgb(210,  
217, 211) }
```

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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