

Converting Colors

Yxy(67.1246, 0.3108, 0.3542)

Have a look what the booklet for
Yxy(67.1246, 0.3108, 0.3542)
contains.

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Color

Yxy(67.1339, 0.3108, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	C5DCC6
RGB	197, 220, 198
RGB Percent	77%, 86%, 78%
CMY	0.2275, 0.1372, 0.2236
CMYK	0.10, 0.00, 0.10, 0.14
HSL	123°, 25%, 82%
HSV	123°, 10%, 86%
XYZ	58.8084, 67.1339, 63.2739
YIQ	210.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

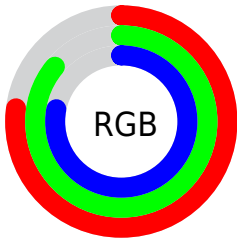
Format	Color
RYB	197, 219, 220
Decimal	12967110
CIELab	85.57, -11.75, 8.23
CIElCh	86, 14.342, 145.005
Yxy	67.1339, 0.3108, 0.3548
Android (android.graphics.Color)	4291157190 (0xFFC5DCC6)
YUV	210.6150, -6.2192, -11.9404
Hunter-Lab	81.9353, -15.2698, 11.5684

Details

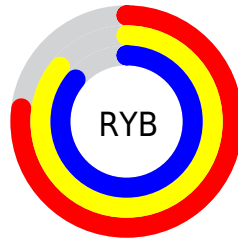
The Yxy color **67.1339, 0.3108, 0.3548** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2605, 0.3146, 0.3045**, and the grayscale version is **64.9190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **34.7635, 0.3103, 0.3617** is the 20% darker color. If you saturate the color by 10%, you get **63.4757, 0.3088, 0.3829**, and if you desaturate by 10%, it is **71.3663, 0.3126, 0.3301**.

Distribution



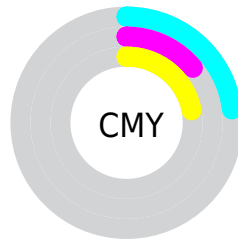
- Red (77%)
- Green (86%)
- Blue (78%)



- Red (77%)
- Yellow (86%)
- Blue (86%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (14%)



- Cyan (23%)
- Magenta (14%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.1339, 0.3108, 0.3548 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 67.1339, 0.3108, 0.3548 by changing the saturation by 10% instead.

■ 67.1339, 0.3108,
0.3548

■ 67.1339, 0.3108,
0.3548

450.4212, 0.3118,
0.3425

■ 49.1935, 0.3105,
0.3577

115.1123, 0.3112,
0.3504

■ 34.7730, 0.3102,
0.3614

145.9190, 0.3113,
0.3488

■ 23.4880, 0.3097,
0.3661

181.7832, 0.3114,
0.3473

■ 14.9543, 0.3091,
0.3725

223.0894, 0.3115,
0.3461

■ 8.7873, 0.3081,
0.3815

270.2218, 0.3116,
0.3450

■ 4.6027, 0.3064,
0.3951

323.5651, 0.3117,

■ 2.0161, 0.3032,

0.3441

0.4182

383.5034, 0.3118,
0.3432

0.6168, 0.2957,
0.6090

0.0000, 0.0000,
0.0000

67.1339, 0.3108,
0.3548

67.1339, 0.3108,
0.3548

63.4757, 0.3088,
0.3829

71.3663, 0.3126,
0.3301

60.3587, 0.3068,
0.4141

76.1871, 0.3143,
0.3086

57.7601, 0.3047,
0.4477

79.6713, 0.3143,
0.2950

55.6515, 0.3028,
0.4825

■ 54.0023, 0.3012,
0.5165

■ 52.7782, 0.3000,
0.5472

■ 51.9402, 0.2993,
0.5720

■ 51.4421, 0.2993,
0.5891

■ 51.2121, 0.2994,
0.5978

Harmonies

Analogous

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



67.1339, 0.3284, 0.3603



67.1339, 0.3108, 0.3548



67.1339, 0.2940, 0.3417

Triad

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



67.1339, 0.3108, 0.3548



67.1339, 0.2838, 0.3012



67.1339, 0.3439, 0.3314

Complementary

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



67.1339, 0.3108, 0.3548



60.2605, 0.3146, 0.3045

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.



67.1339, 0.3313, 0.3166



67.1339, 0.3108, 0.3548



67.1339, 0.2965, 0.2994

Square

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



67.1339, 0.3108, 0.3548



67.1339, 0.2788, 0.3105



67.1339, 0.3139, 0.3050



67.1339, 0.3479, 0.3461

Rectangle

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



67.1339, 0.3108, 0.3548



67.1339, 0.2855, 0.3308



67.1339, 0.3139, 0.3050



67.1339, 0.3405, 0.3263

Sweetspot

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



67.1368, 0.3108, 0.3548



98.1153, 0.3122, 0.3361



70.3197, 0.3277, 0.3547



20.8956, 0.3120, 0.3380



0.0000, 0.0000, 0.0000



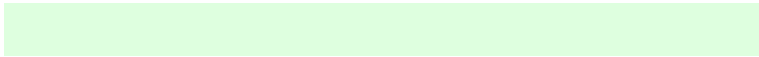
21.4041, 0.3127, 0.3290

Same Dimension

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



67.1368, 0.3108, 0.3548



92.3688, 0.3103, 0.3619



67.6770, 0.3035, 0.3414



14.6153, 0.3110, 0.3521



30.0572, 0.2992, 0.5971



1.9505, 0.2967, 0.5882

Inverse Universe

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



60.2605, 0.3146, 0.3045



80.5511, 0.3152, 0.2982



59.6861, 0.3230, 0.3169



13.2646, 0.3144, 0.3069



11.6800, 0.3320, 0.1602



0.7598, 0.3300, 0.1592

Previews

White Background



This preview shows how the Yxy color 67.1339, 0.3108, 0.3548 looks on a white background.

Color Contrast Check

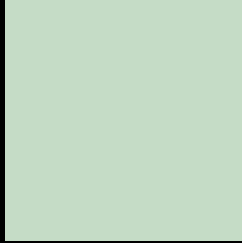
Large Text (above 18pt) WCAG AA × Fail

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 67.1339, 0.3108, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

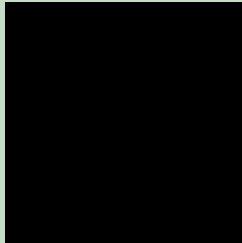
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

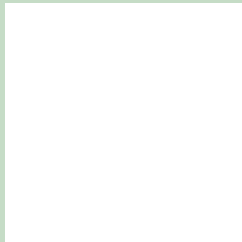
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.1339, 0.3108, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 67.1339, 0.3108, 0.3548.

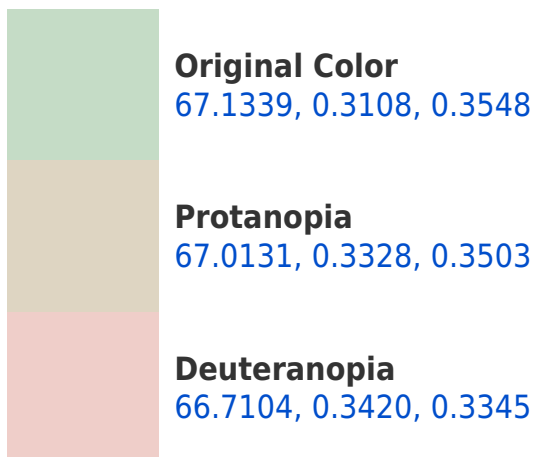


This preview shows how white text looks on a background with the Yxy color 67.1339, 0.3108, 0.3548.

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

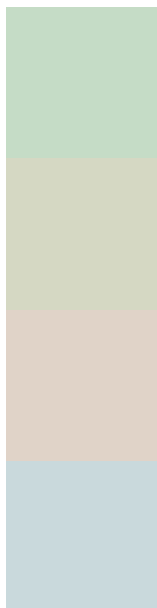




Tritanopia

67.1236, 0.2932, 0.3099

Trichromacy



Original Color

67.1339, 0.3108, 0.3548

Protanomaly

67.1980, 0.3249, 0.3530

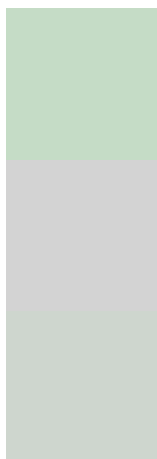
Deuteranomaly

66.6060, 0.3303, 0.3413

Tritanomaly

67.2105, 0.2994, 0.3255

Monochromacy



Original Color

67.1339, 0.3108, 0.3548

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6712, 0.3123, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.1339, 0.3108, 0.3548 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(197, 220, 198)` looks like.

```
.text, #text, p{  
    color:rgb(197, 220, 198)  
}
```

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(197, 220, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 220, 198) }
```

Border

The CSS property to change the border of an element to Yxy 67.1339, 0.3108, 0.3548 is called "border". The border property can be set on classes, ids or directly on the HTML element.

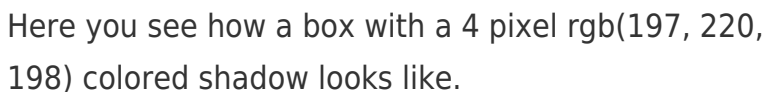
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 220, 198) }
```

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

```
.border{ border-color:rgb(197, 220, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 220, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 220, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 220, 198); box-shadow:4px 4px 4px 4px rgb(197, 220, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 67.1339, 0.3108, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 220, 198) }
```

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

```
.background{ background-color: rgb(197,  
220, 198) }
```

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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