

Converting Colors

Yxy(63.8149, 0.3110, 0.3545)

Have a look what the booklet for
Yxy(63.8149, 0.3110, 0.3545)
contains.

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Color

Yxy(63.8334, 0.3108, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	C1D7C2
RGB	193, 215, 194
RGB Percent	76%, 84%, 76%
CMY	0.2432, 0.1568, 0.2392
CMYK	0.10, 0.00, 0.10, 0.16
HSL	123°, 22%, 80%
HSV	123°, 10%, 84%
XYZ	56.0277, 63.8334, 60.4083
YIQ	206.0280, -6.3710, -11.1950

Conversions

Conversions Part 2

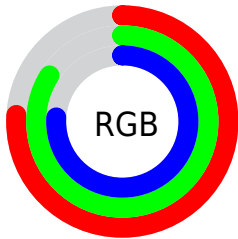
Format	Color
RYB	193, 214, 215
Decimal	12703682
CIELab	83.88, -11.28, 7.87
CIELCh	84, 13.749, 145.105
Yxy	63.8334, 0.3108, 0.3541
Android (android.graphics.Color)	4290893762 (0xFFC1D7C2)
YUV	206.0280, -5.9298, -11.4256
Hunter-Lab	79.8958, -14.6428, 11.0986

Details

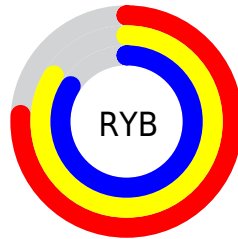
The Yxy color **63.8334, 0.3108, 0.3541** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4369, 0.3146, 0.3051**, and the grayscale version is **61.7822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7461, 0.3125, 0.3338**, and **32.5240, 0.3103, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **60.3542, 0.3088, 0.3820**, and if you desaturate by 10%, it is **67.8560, 0.3127, 0.3296**.

Distribution



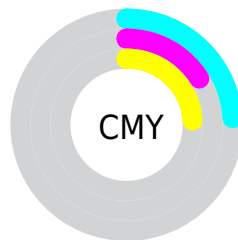
- Red (76%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)





- Cyan (24%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8334, 0.3108, 0.3541 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 63.8334, 0.3108, 0.3541 by changing the saturation by 10% instead.

 63.8334, 0.3108,
0.3541

 63.8334, 0.3108,
0.3541

438.5878, 0.3118,
0.3420

 46.5158, 0.3105,
0.3570

 110.3710, 0.3112,
0.3498

 32.6530, 0.3102,
0.3606

140.3597, 0.3113,
0.3482

 21.8608, 0.3097,
0.3654


175.3409, 0.3114,
0.3468

 13.7546, 0.3090,
0.3718

215.6989, 0.3115,
0.3455

 7.9502, 0.3080,
0.3809

261.8183, 0.3116,
0.3445

 4.0631, 0.3063,
0.3950

314.0832, 0.3117,

 1.7089, 0.3028,

0.3436

0.4194

372.8783, 0.3118,
0.3427

0.4294, 0.2363,
0.7637

0.0000, 0.0000,
0.0000

63.8334, 0.3108,
0.3541

63.8334, 0.3108,
0.3541

60.3542, 0.3088,
0.3820

67.8560, 0.3127,
0.3296

57.3874, 0.3067,
0.4129

72.4353, 0.3144,
0.3082

54.9112, 0.3046,
0.4464

77.0853, 0.3145,
0.2901

52.8993, 0.3027,
0.4811

■ 51.3226, 0.3011,
0.5150

■ 50.1490, 0.2999,
0.5458

■ 49.3419, 0.2992,
0.5709

■ 48.8579, 0.2992,
0.5883

■ 48.6270, 0.2993,
0.5976

Harmonies

Analogous

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



63.8334, 0.3280, 0.3595



63.8334, 0.3108, 0.3541



63.8334, 0.2945, 0.3414

Triad

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



63.8334, 0.3108, 0.3541



63.8334, 0.2846, 0.3019



63.8334, 0.3431, 0.3314

Complementary

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



63.8334, 0.3108, 0.3541



57.4369, 0.3146, 0.3051

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.



63.8334, 0.3309, 0.3169



63.8334, 0.3108, 0.3541



63.8334, 0.2970, 0.3001

Square

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



63.8334, 0.3108, 0.3541



63.8334, 0.2796, 0.3109



63.8334, 0.3139, 0.3056



63.8334, 0.3470, 0.3458

Rectangle

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



63.8334, 0.3108, 0.3541



63.8334, 0.2862, 0.3307



63.8334, 0.3139, 0.3056



63.8334, 0.3399, 0.3264

Sweetspot

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



63.8361, 0.3108, 0.3541



98.1168, 0.3122, 0.3361



66.7924, 0.3273, 0.3541



20.8960, 0.3120, 0.3380



0.0000, 0.0000, 0.0000



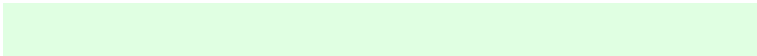
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8361, 0.3108, 0.3541



92.9120, 0.3104, 0.3591



64.3357, 0.3037, 0.3411



13.9052, 0.3110, 0.3520



29.0865, 0.2991, 0.5968



1.7577, 0.2963, 0.5868

Inverse Universe

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



57.4369, 0.3146, 0.3051



81.9159, 0.3150, 0.3007



56.9066, 0.3228, 0.3172



12.6223, 0.3145, 0.3071



11.2839, 0.3328, 0.1607



0.6837, 0.3305, 0.1594

Previews

White Background



This preview shows how the Yxy color 63.8334, 0.3108, 0.3541 looks on a white background.

Color Contrast Check

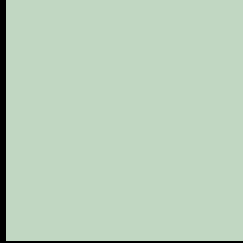
Large Text (above 18pt) WCAG AA × Fail

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 63.8334, 0.3108, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

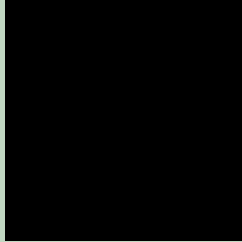
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

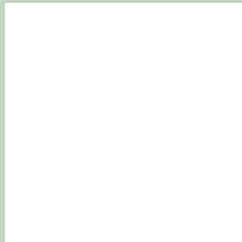
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8334, 0.3108, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 63.8334, 0.3108, 0.3541.

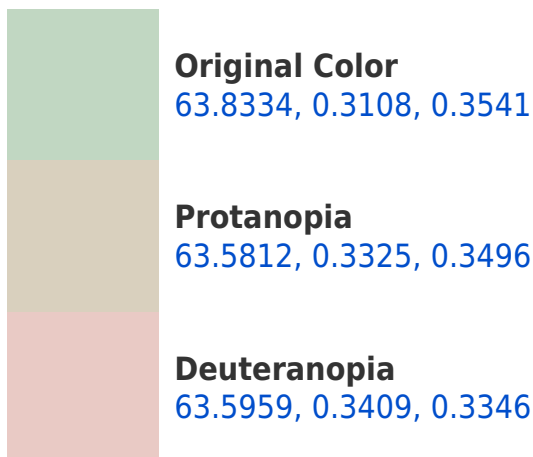


This preview shows how white text looks on a background with the Yxy color 63.8334, 0.3108, 0.3541.

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

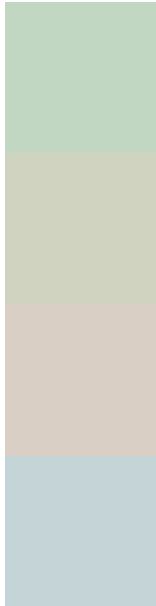




Tritanopia

63.6450, 0.2928, 0.3095

Trichromacy



Original Color

63.8334, 0.3108, 0.3541

Protanomaly

63.7600, 0.3244, 0.3523

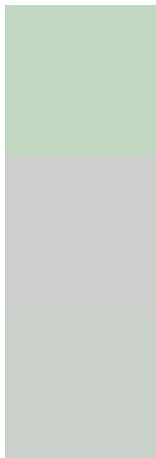
Deuteranomaly

63.5166, 0.3290, 0.3415

Tritanomaly

63.7290, 0.2991, 0.3255

Monochromacy



Original Color

63.8334, 0.3108, 0.3541

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.2827, 0.3116, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8334, 0.3108, 0.3541 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(193, 215, 194)` looks like.

```
.text, #text, p{  
    color:rgb(193, 215, 194)  
}
```

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(193, 215, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 215, 194) }
```

Border

The CSS property to change the border of an element to Yxy 63.8334, 0.3108, 0.3541 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(193, 215, 194) }
```

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

```
.border{ border-color:rgb(193, 215, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 215, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 215, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 215, 194);  
box-shadow:4px 4px 4px 4px rgb(193, 215,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8334, 0.3108, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 215, 194) }
```

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

```
.background{ background-color: rgb(193,  
215, 194) }
```

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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