

Converting Colors

Yxy(63.4663, 0.3079, 0.3442)

Have a look what the booklet for
Yxy(63.4663, 0.3079, 0.3442)
contains.

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Color

Yxy(63.3607, 0.3083, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5C8
RGB	195, 213, 200
RGB Percent	76%, 84%, 78%
CMY	0.2354, 0.1647, 0.2156
CMYK	0.08, 0.00, 0.06, 0.16
HSL	137°, 18%, 80%
HSV	137°, 8%, 84%
XYZ	56.7192, 63.3607, 63.8942
YIQ	206.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

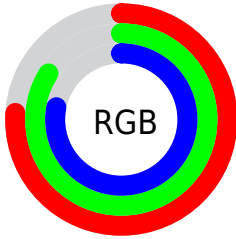
Format	Color
R _Y B	195, 209, 213
Decimal	12834248
CIE Lab	83.63, -8.49, 4.34
CIE LCh	84, 9.537, 152.951
Yxy	63.3607, 0.3083, 0.3444
Android (android.graphics.Color)	4291024328 (0xFFC3D5C8)
YUV	206.1360, -3.0250, -9.7663
Hunter-Lab	79.5994, -12.1074, 8.1277

Details

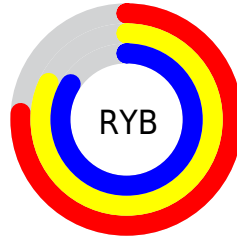
The Yxy color **63.3607, 0.3083, 0.3444** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7133, 0.3174, 0.3141**, and the grayscale version is **61.8343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.1918, 0.3070, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **60.0445, 0.3031, 0.3647**, and if you desaturate by 10%, it is **67.1589, 0.3135, 0.3264**.

Distribution



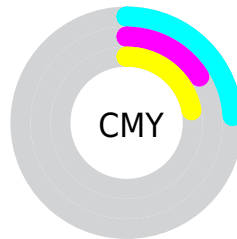
- Red (76%)
- Green (84%)
- Blue (78%)



- Red (76%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3607, 0.3083, 0.3444 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 63.3607, 0.3083, 0.3444 by changing the saturation by 10% instead.

■ 63.3607, 0.3083,
0.3444

■ 63.3607, 0.3083,
0.3444

436.8774, 0.3104,
0.3370

■ 46.1331, 0.3078,
0.3462

■ 109.6897, 0.3091,
0.3418

■ 32.3508, 0.3071,
0.3484

139.5599, 0.3094,
0.3408

■ 21.6296, 0.3063,
0.3512

174.4131, 0.3096,
0.3399

■ 13.5850, 0.3051,
0.3551

214.6336, 0.3098,
0.3392

■ 7.8326, 0.3035,
0.3606

260.6059, 0.3100,
0.3385

■ 3.9880, 0.3010,
0.3690

312.7144, 0.3102,

■ 1.6669, 0.2965,

0.3380

371.3434, 0.3103,
0.3375

0.3835

0.4021, 0.2457,
0.5652

0.0000, 0.0000,
0.0000

63.3607, 0.3083,
0.3444

63.3607, 0.3083,
0.3444

60.0445, 0.3031,
0.3647

67.1589, 0.3135,
0.3264

57.1832, 0.2981,
0.3874

71.4492, 0.3186,
0.3106

54.7588, 0.2936,
0.4122

75.5106, 0.3207,
0.2965

52.7495, 0.2897,
0.4387

76.0754, 0.3146,
0.2881

■ 51.1311, 0.2869,
0.4663

■ 49.8770, 0.2854,
0.4938

■ 48.9574, 0.2855,
0.5200

■ 48.3370, 0.2871,
0.5435

■ 47.9642, 0.2900,
0.5631

Harmonies

Analogous

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



63.3607, 0.3204, 0.3496



63.3607, 0.3083, 0.3444



63.3607, 0.2975, 0.3348

Triad

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



63.3607, 0.3083, 0.3444



63.3607, 0.2949, 0.3092



63.3607, 0.3351, 0.3336

Complementary

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



63.3607, 0.3083, 0.3444



57.7133, 0.3174, 0.3141

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.



63.3607, 0.3280, 0.3231



63.3607, 0.3083, 0.3444



63.3607, 0.3047, 0.3093

Square

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



63.3607, 0.3083, 0.3444



63.3607, 0.2899, 0.3144



63.3607, 0.3168, 0.3143



63.3607, 0.3361, 0.3431

Rectangle

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



63.3607, 0.3083, 0.3444



63.3607, 0.2925, 0.3274



63.3607, 0.3168, 0.3143



63.3607, 0.3334, 0.3301

Sweetspot

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



63.3634, 0.3083, 0.3444



98.2282, 0.3111, 0.3343



64.9727, 0.3216, 0.3499



20.9260, 0.3107, 0.3358



0.0000, 0.0000, 0.0000



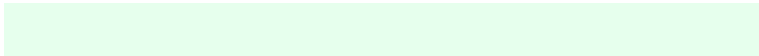
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3634, 0.3083, 0.3444



94.3539, 0.3074, 0.3476



63.7860, 0.3025, 0.3339



13.9526, 0.3078, 0.3462



29.2814, 0.2898, 0.5633



1.7802, 0.2801, 0.5282

Inverse Universe

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



57.7133, 0.3174, 0.3141



84.3442, 0.3184, 0.3111



57.2930, 0.3241, 0.3241



12.5706, 0.3180, 0.3124



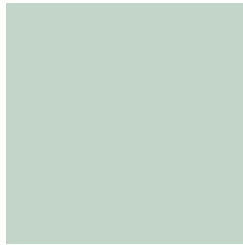
10.0710, 0.4066, 0.2014



0.6212, 0.3884, 0.1914

Previews

White Background



This preview shows how the Yxy color 63.3607, 0.3083, 0.3444 looks on a white background.

Color Contrast Check

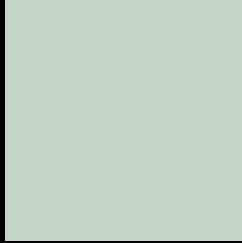
Large Text (above 18pt) WCAG AA × Fail

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 63.3607, 0.3083, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

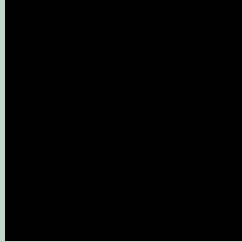
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

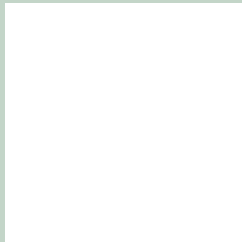
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3607, 0.3083, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 63.3607, 0.3083, 0.3444.



This preview shows how white text looks on a background with the Yxy color 63.3607, 0.3083, 0.3444.

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

63.3607, 0.3083, 0.3444

Protanopia

63.1039, 0.3260, 0.3405

Deuteranopia

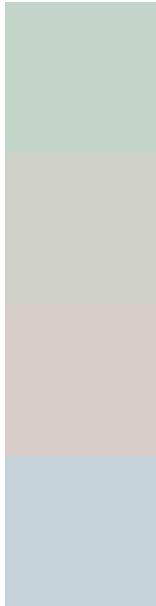
62.8606, 0.3349, 0.3280



Tritanopia

63.2340, 0.2941, 0.3095

Trichromacy



Original Color

63.3607, 0.3083, 0.3444

Protanomaly

63.0880, 0.3197, 0.3418

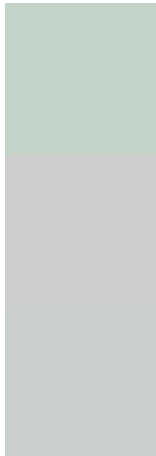
Deuteranomaly

62.6314, 0.3248, 0.3336

Tritanomaly

63.1087, 0.2992, 0.3208

Monochromacy



Original Color

63.3607, 0.3083, 0.3444

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.5171, 0.3109, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3607, 0.3083, 0.3444 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(195, 213, 200)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 200)  
}
```

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(195, 213, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 200) }
```

Border

The CSS property to change the border of an element to Yxy 63.3607, 0.3083, 0.3444 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(195, 213, 200) }
```

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

```
.border{ border-color:rgb(195, 213, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 200);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3607, 0.3083, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 200) }
```

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

```
.background{ background-color: rgb(195,  
213, 200) }
```

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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