

Converting Colors

$Yxy(63.0195, 0.3064, 0.3534)$

Have a look what the booklet for
Yxy(63.0195, 0.3064, 0.3534)
contains.

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Color

Yxy(63.1058, 0.3058, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	BBD7C3
RGB	187, 215, 195
RGB Percent	73%, 84%, 76%
CMY	0.2668, 0.1568, 0.2353
CMYK	0.13, 0.00, 0.09, 0.16
HSL	137°, 26%, 79%
HSV	137°, 13%, 84%
XYZ	54.6369, 63.1058, 60.9260
YIQ	204.3480, -10.2680, -12.1560

Conversions

Conversions Part 2

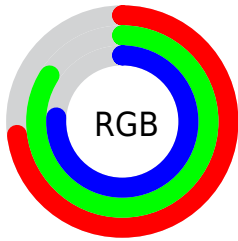
Format	Color
R _Y B	187, 209, 215
Decimal	12310467
CIE Lab	83.50, -13.13, 6.74
CIE LCh	83, 14.762, 152.831
Yxy	63.1058, 0.3058, 0.3532
Android (android.graphics.Color)	4290500547 (0xFFBBD7C3)
YUV	204.3480, -4.6086, -15.2142
Hunter-Lab	79.4392, -16.2493, 10.1348

Details

The Yxy color **63.1058, 0.3058, 0.3532** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.4792, 0.3204, 0.3060**, and the grayscale version is **60.6472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6030, 0.3070, 0.3319**, and **32.1330, 0.3047, 0.3598** is the 20% darker color. If you saturate the color by 10%, you get **59.9383, 0.3006, 0.3744**, and if you desaturate by 10%, it is **66.7560, 0.3111, 0.3343**.

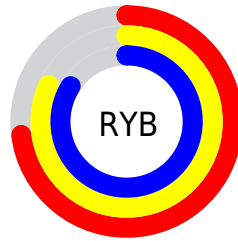
Distribution



Red (73%)

Green (84%)

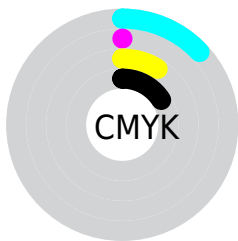
Blue (76%)



Red (73%)

Yellow (82%)

Blue (84%)

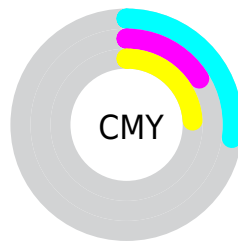


Cyan (13%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (27%)


Magenta (16%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1058, 0.3058, 0.3532 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 63.1058, 0.3058, 0.3532 by changing the saturation by 10% instead.


 63.1058, 0.3058,
0.3532

 63.1058, 0.3058,
0.3532


435.9534, 0.3092,
0.3415

 45.9268, 0.3050,
0.3560


 109.3221, 0.3070,
0.3490

 32.1881, 0.3039,
0.3595


139.1283, 0.3075,
0.3475

 21.5052, 0.3026,
0.3642

173.9122, 0.3079,
0.3461

 13.4938, 0.3007,
0.3704

214.0584, 0.3082,
0.3449

 7.7694, 0.2980,
0.3793

259.9512, 0.3085,
0.3439

 3.9478, 0.2937,
0.3932

311.9751, 0.3088,

 1.6444, 0.2860,

0.3430

370.5143, 0.3090,
0.3422

0.4174

0.3873, 0.1092,
0.8908

0.0000, 0.0000,
0.0000

63.1058, 0.3058,
0.3532

63.1058, 0.3058,
0.3532

59.9383, 0.3006,
0.3744

66.7560, 0.3111,
0.3343

57.2253, 0.2957,
0.3979

70.8998, 0.3164,
0.3176

54.9480, 0.2914,
0.4234

75.5577, 0.3215,
0.3031

53.0829, 0.2879,
0.4503

77.0883, 0.3145,
0.2901

■ 51.6044, 0.2856,
0.4778

■ 50.4840, 0.2848,
0.5047

■ 49.6890, 0.2856,
0.5297

■ 49.1802, 0.2880,
0.5516

■ 48.9511, 0.2901,
0.5644

Harmonies

Analogous

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



63.1058, 0.3246, 0.3613



63.1058, 0.3058, 0.3532



63.1058, 0.2893, 0.3380

Triad

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



63.1058, 0.3058, 0.3532



63.1058, 0.2852, 0.2985



63.1058, 0.3476, 0.3357

Complementary

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



63.1058, 0.3058, 0.3532



54.4792, 0.3204, 0.3060

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.



63.1058, 0.3364, 0.3198



63.1058, 0.3058, 0.3532



63.1058, 0.3002, 0.2988

Square

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



63.1058, 0.3058, 0.3532



63.1058, 0.2776, 0.3063



63.1058, 0.3189, 0.3065



63.1058, 0.3491, 0.3505

Rectangle

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



63.1058, 0.3058, 0.3532



63.1058, 0.2816, 0.3263



63.1058, 0.3189, 0.3065



63.1058, 0.3448, 0.3303

Sweetspot

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



63.1085, 0.3058, 0.3532



97.6564, 0.3106, 0.3361



65.4697, 0.3261, 0.3617



20.8110, 0.3102, 0.3375



0.0000, 0.0000, 0.0000



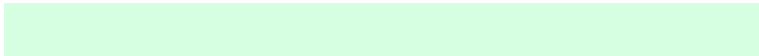
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1085, 0.3058, 0.3532



91.3306, 0.3042, 0.3596



63.7690, 0.2968, 0.3362



13.9539, 0.3077, 0.3461



29.2901, 0.2894, 0.5619



1.7809, 0.2796, 0.5267

Inverse Universe

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



54.4792, 0.3204, 0.3060



75.9449, 0.3225, 0.3003



53.8271, 0.3315, 0.3219



12.5693, 0.3181, 0.3125



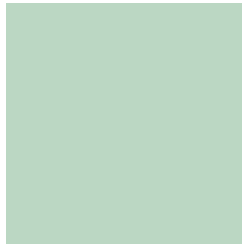
10.0449, 0.4089, 0.2026



0.6198, 0.3902, 0.1923

Previews

White Background



This preview shows how the Yxy color 63.1058, 0.3058, 0.3532 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 63.1058, 0.3058, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

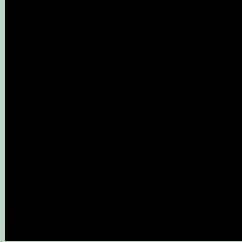
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

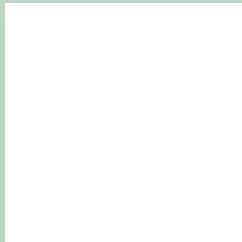
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1058, 0.3058, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 63.1058, 0.3058, 0.3532.

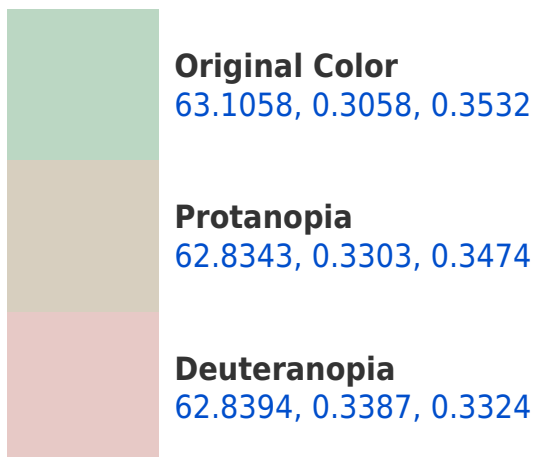


This preview shows how white text looks on a background with the Yxy color 63.1058, 0.3058, 0.3532.

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

62.8457, 0.2886, 0.3093

Trichromacy



Original Color

63.1058, 0.3058, 0.3532

Protanomaly

62.8781, 0.3215, 0.3501

Deuteranomaly

62.6209, 0.3261, 0.3393

Tritanomaly

62.9404, 0.2949, 0.3254

Monochromacy



Original Color

63.1058, 0.3058, 0.3532

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3346, 0.3101, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1058, 0.3058, 0.3532 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(187, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(187, 215, 195)  
}
```

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(187, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 215, 195) }
```

Border

The CSS property to change the border of an element to Yxy 63.1058, 0.3058, 0.3532 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(187, 215, 195) }
```

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

```
.border{ border-color:rgb(187, 215, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 215, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 215, 195);  
box-shadow:4px 4px 4px 4px rgb(187, 215,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1058, 0.3058, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 215, 195) }
```

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

```
.background{ background-color: rgb(187,  
215, 195) }
```

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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