

Converting Colors

Yxy(63.4472, 0.2978, 0.3338)

Have a look what the booklet for
Yxy(63.4472, 0.2978, 0.3338)
contains.

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Color

Yxy(63.5651, 0.2975, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	BDD6D2
RGB	189, 214, 210
RGB Percent	74%, 84%, 82%
CMY	0.2587, 0.1608, 0.1765
CMYK	0.12, 0.00, 0.02, 0.16
HSL	170°, 23%, 79%
HSV	170°, 12%, 84%
XYZ	56.6695, 63.5651, 70.2512
YIQ	206.0690, -13.6160, -6.5440

Conversions

Conversions Part 2

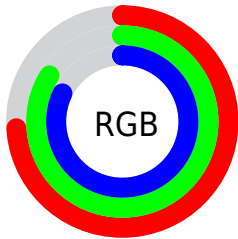
Format	Color
R _{YB}	189, 203, 214
Decimal	12441298
CIE Lab	83.74, -9.08, -0.86
CIE LCh	84, 9.119, 185.391
Yxy	63.5651, 0.2975, 0.3337
Android (android.graphics.Color)	4290631378 (0xFFBDD6D2)
YUV	206.0690, 1.9380, -14.9695
Hunter-Lab	79.7277, -12.6478, 3.5667

Details

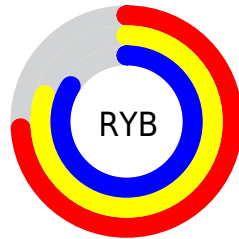
The Yxy color **63.5651, 0.2975, 0.3337** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5540, 0.3304, 0.3244**, and the grayscale version is **61.7656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **32.3475, 0.2929, 0.3337** is the 20% darker color. If you saturate the color by 10%, you get **60.8603, 0.2852, 0.3382**, and if you desaturate by 10%, it is **66.6827, 0.3105, 0.3296**.

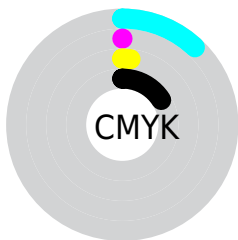
Distribution



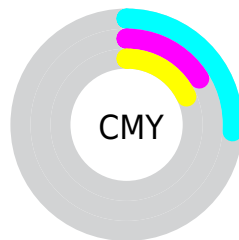
- Red (74%)
- Green (84%)
- Blue (82%)



- Red (74%)
- Yellow (80%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (16%)





- Cyan (26%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.5651, 0.2975, 0.3337 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 63.5651, 0.2975, 0.3337 by changing the saturation by 10% instead.


 63.5651, 0.2975,
0.3337

 63.5651, 0.2975,
0.3337


437.6175, 0.3047,
0.3315

 46.2985, 0.2958,
0.3342


 109.9844, 0.3000,
0.3329

 32.4815, 0.2937,
0.3348


139.9059, 0.3010,
0.3326

 21.7295, 0.2910,
0.3357


174.8144, 0.3018,
0.3324

 13.6583, 0.2874,
0.3367

215.0945, 0.3026,
0.3322

 7.8834, 0.2823,
0.3382

261.1304, 0.3032,
0.3320

 4.0204, 0.2748,
0.3404

313.3066, 0.3038,

 1.6850, 0.2623,

0.3318

0.3440

372.0075, 0.3043,
0.3316

0.4139, 0.1567,
0.3776

0.0000, 0.0000,
0.0000

63.5651, 0.2975,
0.3337

63.5651, 0.2975,
0.3337

60.8603, 0.2852,
0.3382

66.6827, 0.3105,
0.3296

58.5426, 0.2738,
0.3430


70.2217, 0.3239,
0.3260

56.5958, 0.2637,
0.3481


74.2004, 0.3375,
0.3227

54.9994, 0.2550,
0.3535


74.7193, 0.3363,
0.3193


 53.7309, 0.2482,
0.3591


 74.9071, 0.3339,
0.3159

 52.7649, 0.2432,
0.3648


 75.0986, 0.3314,
0.3125

 52.0727, 0.2402,
0.3705

 75.2940, 0.3290,
0.3091

 51.6197, 0.2390,
0.3762

 75.4931, 0.3266,
0.3057

 51.3753, 0.2392,
0.3810

 75.6961, 0.3242,
0.3024

Harmonies

Analogous

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



63.5651, 0.3076, 0.3431



63.5651, 0.2975, 0.3337



63.5651, 0.2915, 0.3232

Triad

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



63.5651, 0.2975, 0.3337



63.5651, 0.3060, 0.3104



63.5651, 0.3348, 0.3431

Complementary

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



63.5651, 0.2975, 0.3337



54.5540, 0.3304, 0.3244

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.



63.5651, 0.3344, 0.3342



63.5651, 0.2975, 0.3337



63.5651, 0.3176, 0.3155

Square

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



63.5651, 0.2975, 0.3337



63.5651, 0.2963, 0.3099



63.5651, 0.3281, 0.3242



63.5651, 0.3292, 0.3484

Rectangle

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



63.5651, 0.2975, 0.3337



63.5651, 0.2906, 0.3170



63.5651, 0.3281, 0.3242



63.5651, 0.3354, 0.3404

Sweetspot

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



63.5678, 0.2975, 0.3337



98.0116, 0.3074, 0.3306



63.1302, 0.3144, 0.3590



20.9009, 0.3064, 0.3309



0.0000, 0.0000, 0.0000



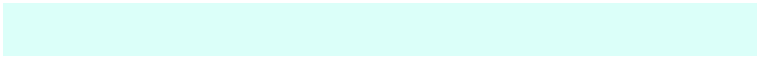
21.4041, 0.3127, 0.3290

Same Dimension

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



63.5678, 0.2975, 0.3337



93.4834, 0.2944, 0.3348



59.6633, 0.2948, 0.3190



14.0721, 0.3004, 0.3328



31.0663, 0.2389, 0.3801



1.8831, 0.2362, 0.3703

Inverse Universe

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



54.5540, 0.3304, 0.3244



77.5173, 0.3347, 0.3233



58.0631, 0.3324, 0.3388



12.4530, 0.3266, 0.3253



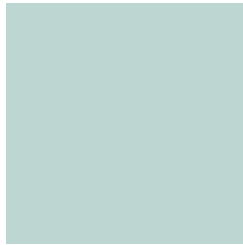
8.7221, 0.6161, 0.3167



0.5364, 0.5722, 0.2926

Previews

White Background



This preview shows how the Yxy color 63.5651, 0.2975, 0.3337 looks on a white background.

Color Contrast Check

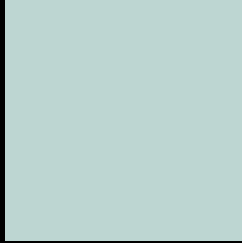
Large Text (above 18pt) WCAG AA × Fail

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 63.5651, 0.2975, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

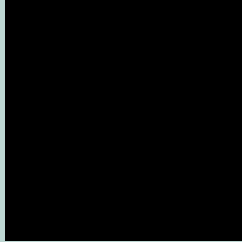
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

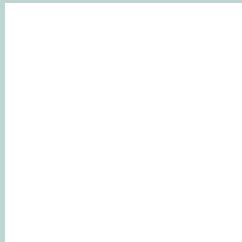
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5651, 0.2975, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 63.5651, 0.2975, 0.3337.



This preview shows how white text looks on a background with the Yxy color 63.5651, 0.2975, 0.3337.

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

63.5651, 0.2975, 0.3337

Protanopia

63.0789, 0.3172, 0.3302

Deuteranopia

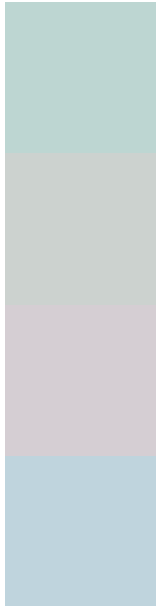
63.3254, 0.3249, 0.3180



Tritanopia

63.3964, 0.2880, 0.3093

Trichromacy



Original Color

63.5651, 0.2975, 0.3337

Protanomaly

63.4356, 0.3103, 0.3325

Deuteranomaly

62.9919, 0.3145, 0.3233

Tritanomaly

63.3838, 0.2918, 0.3184

Monochromacy



Original Color

63.5651, 0.2975, 0.3337

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.3853, 0.3074, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5651, 0.2975, 0.3337 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(189, 214, 210)` looks like.

```
.text, #text, p{  
    color:rgb(189, 214, 210)  
}
```

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(189, 214, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 214, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.5651, 0.2975, 0.3337 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(189, 214, 210) }
```

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

```
.border{ border-color:rgb(189, 214, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 214, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 214, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 214, 210);  
box-shadow:4px 4px 4px 4px rgb(189, 214,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5651, 0.2975, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 214, 210) }
```

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

```
.background{ background-color: rgb(189,  
214, 210) }
```

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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