

Converting Colors

Yxy(63.8134, 0.3047, 0.3420)

Have a look what the booklet for
Yxy(63.8134, 0.3047, 0.3420)
contains.

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Color

Yxy(63.7424, 0.3049, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	C1D6CB
RGB	193, 214, 203
RGB Percent	76%, 84%, 80%
CMY	0.2429, 0.1608, 0.2039
CMYK	0.10, 0.00, 0.05, 0.16
HSL	149°, 20%, 80%
HSV	149°, 10%, 84%
XYZ	56.8277, 63.7424, 65.8112
YIQ	206.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

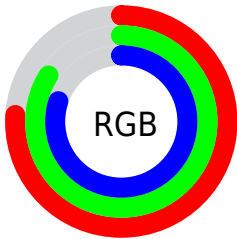
Format	Color
R _{YB}	193, 207, 214
Decimal	12703435
CIE Lab	83.83, -9.09, 3.02
CIE LCh	84, 9.576, 161.597
Yxy	63.7424, 0.3049, 0.3420
Android (android.graphics.Color)	4290893515 (0xFFC1D6CB)
YUV	206.4670, -1.7092, -11.8106
Hunter-Lab	79.8388, -12.6653, 7.0144

Details

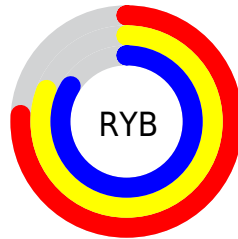
The Yxy color **63.7424, 0.3049, 0.3420** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8175, 0.3213, 0.3163**, and the grayscale version is **62.0582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **32.4552, 0.3025, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **60.6163, 0.2971, 0.3568**, and if you desaturate by 10%, it is **67.3196, 0.3129, 0.3287**.

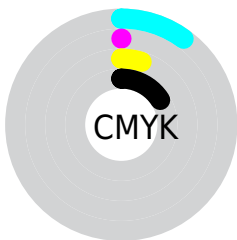
Distribution



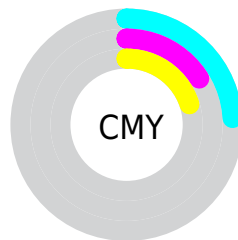
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.7424, 0.3049, 0.3420 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 63.7424, 0.3049, 0.3420 by changing the saturation by 10% instead.

■ 63.7424, 0.3049,
0.3420

■ 63.7424, 0.3049,
0.3420

438.2588, 0.3086,
0.3358

■ 46.4421, 0.3040,
0.3435

■ 110.2399, 0.3062,
0.3398

■ 32.5948, 0.3029,
0.3453

140.2058, 0.3067,
0.3390

■ 21.8162, 0.3015,
0.3477

175.1624, 0.3072,
0.3382

■ 13.7219, 0.2995,
0.3510

215.4940, 0.3075,
0.3376

■ 7.9275, 0.2968,
0.3555

261.5850, 0.3079,
0.3371

■ 4.0486, 0.2927,
0.3625

313.8199, 0.3082,

■ 1.7008, 0.2856,

0.3366

0.3744

372.5831, 0.3084,
0.3362

0.4242, 0.2118,
0.4955

0.0000, 0.0000,
0.0000

63.7424, 0.3049,
0.3420

63.7424, 0.3049,
0.3420

60.6163, 0.2971,
0.3568

67.3196, 0.3129,
0.3287

57.9150, 0.2898,
0.3732

71.3570, 0.3209,
0.3170

55.6217, 0.2832,
0.3911

75.4450, 0.3271,
0.3065

53.7154, 0.2776,
0.4103

76.1206, 0.3194,
0.2957

■ 52.1730, 0.2735,
0.4305

■ 76.5692, 0.3146,
0.2891

■ 50.9691, 0.2710,
0.4511

■ 50.0745, 0.2705,
0.4717

■ 49.4551, 0.2720,
0.4916

■ 49.0511, 0.2751,
0.5102

Harmonies

Analogous

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



63.7424, 0.3170, 0.3487



63.7424, 0.3049, 0.3420



63.7424, 0.2950, 0.3316

Triad

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



63.7424, 0.3049, 0.3420



63.7424, 0.2973, 0.3086



63.7424, 0.3361, 0.3366

Complementary

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



63.7424, 0.3049, 0.3420



56.8175, 0.3213, 0.3163

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.



63.7424, 0.3306, 0.3261



63.7424, 0.3049, 0.3420



63.7424, 0.3081, 0.3102

Square

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



63.7424, 0.3049, 0.3420



63.7424, 0.2907, 0.3124



63.7424, 0.3203, 0.3165



63.7424, 0.3352, 0.3453

Rectangle

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



63.7424, 0.3049, 0.3420



63.7424, 0.2910, 0.3242



63.7424, 0.3203, 0.3165



63.7424, 0.3350, 0.3331

Sweetspot

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



63.7451, 0.3049, 0.3420



98.3221, 0.3103, 0.3329



64.8099, 0.3198, 0.3535



20.9513, 0.3096, 0.3339



0.0000, 0.0000, 0.0000



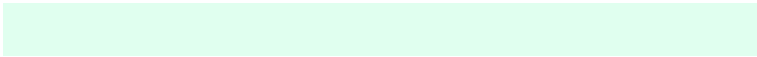
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7451, 0.3049, 0.3420



93.6603, 0.3031, 0.3453



64.2521, 0.2982, 0.3298



13.9933, 0.3052, 0.3415



29.6668, 0.2744, 0.5079



1.8060, 0.2653, 0.4752

Inverse Universe

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



56.8175, 0.3213, 0.3163



81.1047, 0.3236, 0.3132



56.3398, 0.3293, 0.3282



12.5286, 0.3210, 0.3168



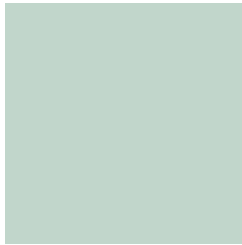
9.3728, 0.4844, 0.2442



0.5820, 0.4485, 0.2244

Previews

White Background



This preview shows how the Yxy color 63.7424, 0.3049, 0.3420 looks on a white background.

Color Contrast Check

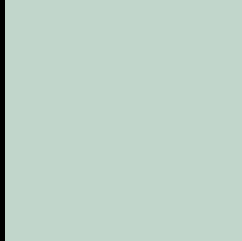
Large Text (above 18pt) WCAG AA × Fail

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 63.7424, 0.3049, 0.3420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

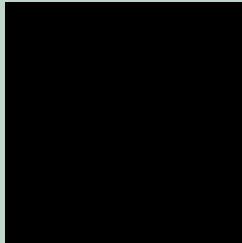
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

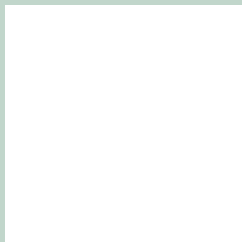
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7424, 0.3049, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 63.7424, 0.3049, 0.3420.

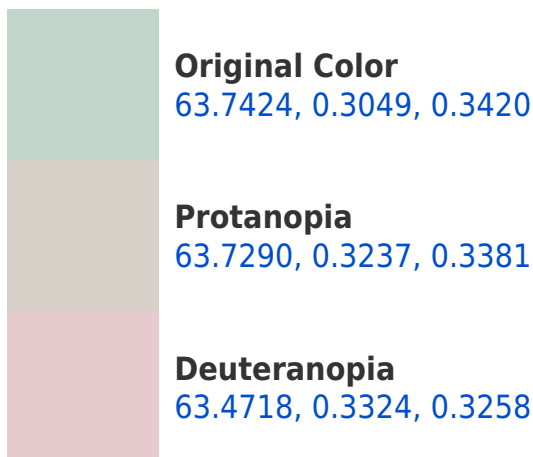


This preview shows how white text looks on a background with the Yxy color 63.7424, 0.3049, 0.3420.

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

63.5096, 0.2921, 0.3095

Trichromacy



Original Color

63.7424, 0.3049, 0.3420

Protanomaly

63.5756, 0.3167, 0.3394

Deuteranomaly

63.2540, 0.3226, 0.3313

Tritanomaly

63.3862, 0.2972, 0.3208

Monochromacy



Original Color

63.7424, 0.3049, 0.3420

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.4262, 0.3095, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7424, 0.3049, 0.3420 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, 214, 203)` looks like.

```
.text, #text, p{  
    color:rgb(193, 214, 203)  
}
```

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, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 214, 203) }
```

Border

The CSS property to change the border of an element to Yxy 63.7424, 0.3049, 0.3420 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, 214, 203) }
```

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

```
.border{ border-color:rgb(193, 214, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(193, 214,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7424, 0.3049, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 214, 203) }
```

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

```
.background{ background-color: rgb(193,  
214, 203) }
```

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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