

Converting Colors

$Yxy(63.6958, 0.3047, 0.3385)$

Have a look what the booklet for
Yxy(63.6958, 0.3047, 0.3385)
contains.

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Color

Yxy(63.5984, 0.3050, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CD
RGB	195, 213, 205
RGB Percent	76%, 84%, 80%
CMY	0.2353, 0.1647, 0.1960
CMYK	0.08, 0.00, 0.04, 0.16
HSL	153°, 18%, 80%
HSV	153°, 8%, 84%
XYZ	57.3213, 63.5984, 67.0189
YIQ	206.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

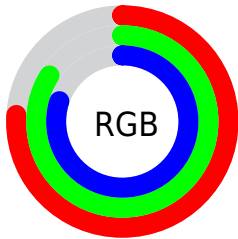
Format	Color
RYB	195, 207, 213
Decimal	12834253
CIELab	83.76, -7.55, 1.87
CIElCh	84, 7.773, 166.114
Yxy	63.5984, 0.3050, 0.3384
Android (android.graphics.Color)	4291024333 (0xFFC3D5CD)
YUV	206.7060, -0.8411, -10.2662
Hunter-Lab	79.7486, -11.2588, 5.9981

Details

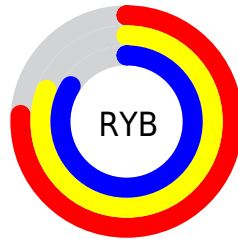
The Yxy color **63.5984, 0.3050, 0.3384** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4910, 0.3212, 0.3198**, and the grayscale version is **62.2097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.3508, 0.3026, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **60.5200, 0.2961, 0.3507**, and if you desaturate by 10%, it is **67.1145, 0.3141, 0.3274**.

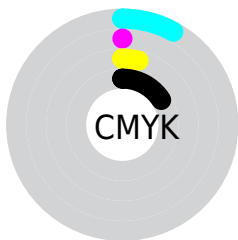
Distribution



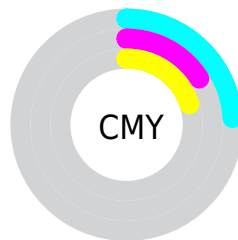
- Red (76%)
- Green (84%)
- Blue (80%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5984, 0.3050, 0.3384 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 63.5984, 0.3050, 0.3384 by changing the saturation by 10% instead.

63.5984, 0.3050,
0.3384

63.5984, 0.3050,
0.3384

437.7380, 0.3087,
0.3339

46.3255, 0.3041,
0.3395

110.0324, 0.3063,
0.3368

32.5027, 0.3030,
0.3408

139.9622, 0.3068,
0.3362

21.7458, 0.3016,
0.3425

174.8798, 0.3072,
0.3357

13.6702, 0.2998,
0.3448

215.1695, 0.3076,
0.3352

7.8917, 0.2971,
0.3481

261.2158, 0.3079,
0.3348

4.0257, 0.2931,
0.3530

313.4031, 0.3082,

1.6880, 0.2864,

0.3345

0.3614

372.1156, 0.3085,
0.3342

0.4158, 0.2223,
0.4381

0.0000, 0.0000,
0.0000

63.5984, 0.3050,
0.3384

63.5984, 0.3050,
0.3384

60.5200, 0.2961,
0.3507

67.1145, 0.3141,
0.3274

57.8537, 0.2877,
0.3643


71.0768, 0.3233,
0.3176

55.5835, 0.2801,
0.3791


74.7550, 0.3295,
0.3087


53.6891, 0.2736,
0.3950


75.3113, 0.3229,
0.2995


 52.1484, 0.2686,
0.4117


 75.8971, 0.3165,
0.2906

 50.9370, 0.2652,
0.4290

 76.0698, 0.3146,
0.2881

 50.0270, 0.2639,
0.4465

 49.3859, 0.2645,
0.4637

 48.9647, 0.2670,
0.4803

Harmonies

Analogous

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



63.5984, 0.3147, 0.3444



63.5984, 0.3050, 0.3384



63.5984, 0.2974, 0.3298

Triad

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



63.5984, 0.3050, 0.3384



63.5984, 0.3013, 0.3123



63.5984, 0.3319, 0.3364

Complementary

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



63.5984, 0.3050, 0.3384



57.4910, 0.3212, 0.3198

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.



63.5984, 0.3282, 0.3280



63.5984, 0.3050, 0.3384



63.5984, 0.3105, 0.3142

Square

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



63.5984, 0.3050, 0.3384



63.5984, 0.2953, 0.3148



63.5984, 0.3203, 0.3199



63.5984, 0.3304, 0.3431

Rectangle

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



63.5984, 0.3050, 0.3384



63.5984, 0.2945, 0.3239



63.5984, 0.3203, 0.3199



63.5984, 0.3313, 0.3337

Sweetspot

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



63.6011, 0.3050, 0.3384



98.3610, 0.3099, 0.3323



64.2414, 0.3177, 0.3501



20.9618, 0.3092, 0.3332



0.0000, 0.0000, 0.0000



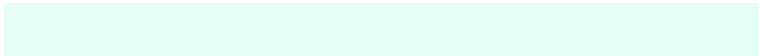
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6011, 0.3050, 0.3384



94.7725, 0.3035, 0.3403



63.5455, 0.2997, 0.3279



14.0104, 0.3041, 0.3395



29.8953, 0.2668, 0.4805



1.8197, 0.2588, 0.4517

Inverse Universe

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



57.4910, 0.3212, 0.3198



83.9160, 0.3230, 0.3179



57.5243, 0.3271, 0.3301



12.5115, 0.3222, 0.3187



9.1609, 0.5183, 0.2629



0.5691, 0.4756, 0.2394

Previews

White Background



This preview shows how the Yxy color 63.5984, 0.3050, 0.3384 looks on a white background.

Color Contrast Check

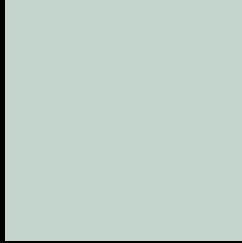
Large Text (above 18pt) WCAG AA × Fail

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 63.5984, 0.3050, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

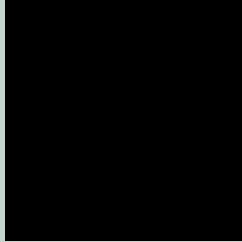
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

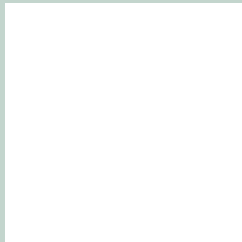
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5984, 0.3050, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 63.5984, 0.3050, 0.3384.

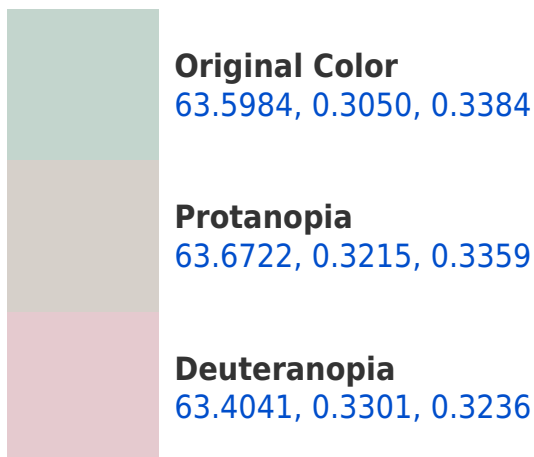


This preview shows how white text looks on a background with the Yxy color 63.5984, 0.3050, 0.3384.

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

63.7263, 0.2941, 0.3107

Trichromacy



Original Color

63.5984, 0.3050, 0.3384

Protanomaly

63.6704, 0.3153, 0.3371

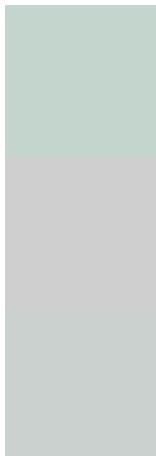
Deuteranomaly

63.3506, 0.3211, 0.3290

Tritanomaly

63.6563, 0.2986, 0.3209

Monochromacy



Original Color

63.5984, 0.3050, 0.3384

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.7537, 0.3103, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5984, 0.3050, 0.3384 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 205) }
```

Border

The CSS property to change the border of an element to Yxy 63.5984, 0.3050, 0.3384 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, 205) }
```

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

```
.border{ border-color:rgb(195, 213, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5984, 0.3050, 0.3384 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, 205) }
```

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

```
.background{ background-color: rgb(195,  
213, 205) }
```

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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