

Converting Colors

Yxy(64.0608, 0.3004, 0.3311)

Have a look what the booklet for
Yxy(64.0608, 0.3004, 0.3311)
contains.

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Color

Yxy(63.9441, 0.3004, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D4
RGB	195, 213, 212
RGB Percent	76%, 84%, 83%
CMY	0.2352, 0.1647, 0.1685
CMYK	0.08, 0.00, 0.00, 0.16
HSL	177°, 18%, 80%
HSV	177°, 8%, 84%
XYZ	58.1909, 63.9441, 71.5763
YIQ	207.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

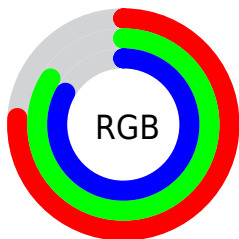
Format	Color
RYB	195, 204, 213
Decimal	12834260
CIELab	83.94, -6.20, -1.60
CIELCh	84, 6.400, 194.435
Yxy	63.9441, 0.3004, 0.3301
Android (android.graphics.Color)	4291024340 (0xFFC3D5D4)
YUV	207.5040, 2.2165, -10.9660
Hunter-Lab	79.9651, -10.0437, 2.9054

Details

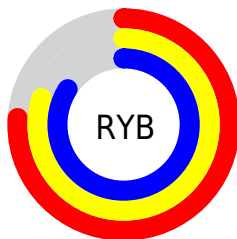
The Yxy color **63.9441, 0.3004, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1743, 0.3265, 0.3279**, and the grayscale version is **62.7343, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.5508, 0.2975, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **61.2504, 0.2865, 0.3315**, and if you desaturate by 10%, it is **67.0483, 0.3150, 0.3288**.

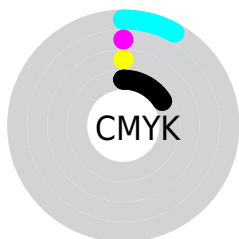
Distribution



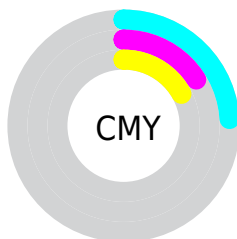
- Red (76%)
- Green (84%)
- Blue (83%)



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



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



- Cyan (24%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9441, 0.3004, 0.3301 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 63.9441, 0.3004, 0.3301 by changing the saturation by 10% instead.

■ 63.9441, 0.3004,
0.3301

■ 63.9441, 0.3004,
0.3301

438.9877, 0.3062,
0.3296

■ 46.6054, 0.2990,
0.3302

■ 110.5304, 0.3024,
0.3299

■ 32.7238, 0.2973,
0.3303

140.5468, 0.3032,
0.3299

■ 21.9150, 0.2952,
0.3305

175.5580, 0.3039,
0.3298

■ 13.7944, 0.2923,
0.3307

215.9482, 0.3045,
0.3298

■ 7.9778, 0.2882,
0.3310

262.1018, 0.3050,
0.3297

■ 4.0808, 0.2821,
0.3314

314.4034, 0.3055,

■ 1.7188, 0.2722,

0.3297

0.3319

373.2372, 0.3059,
0.3296

0.4358, 0.2046,
0.3392

0.0000, 0.0000,
0.0000

63.9441, 0.3004,
0.3301

63.9441, 0.3004,
0.3301

61.2504, 0.2865,
0.3315

67.0483, 0.3150,
0.3288

58.9421, 0.2736,
0.3331

70.5710, 0.3301,
0.3276

57.0036, 0.2620,
0.3347

73.7775, 0.3424,
0.3266

55.4152, 0.2520,
0.3364

73.8373, 0.3416,
0.3254

■ 54.1554, 0.2438,
0.3382

■ 73.8974, 0.3407,
0.3242

■ 53.2002, 0.2374,
0.3400

■ 73.9580, 0.3399,
0.3231

■ 52.5224, 0.2330,
0.3418

■ 74.0190, 0.3391,
0.3219

■ 52.0900, 0.2305,
0.3436

■ 74.0804, 0.3382,
0.3207

■ 51.8547, 0.2295,
0.3454

■ 74.1422, 0.3374,
0.3196

Harmonies

Analogous

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



63.9441, 0.3068, 0.3371



63.9441, 0.3004, 0.3301



63.9441, 0.2973, 0.3229

Triad

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



63.9441, 0.3004, 0.3301



63.9441, 0.3104, 0.3166



63.9441, 0.3274, 0.3404

Complementary

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



63.9441, 0.3004, 0.3301



57.1743, 0.3265, 0.3279

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.



63.9441, 0.3284, 0.3348



63.9441, 0.3004, 0.3301



63.9441, 0.3186, 0.3212

Square

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



63.9441, 0.3004, 0.3301



63.9441, 0.3030, 0.3153



63.9441, 0.3252, 0.3278



63.9441, 0.3224, 0.3430

Rectangle

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



63.9441, 0.3004, 0.3301



63.9441, 0.2975, 0.3191



63.9441, 0.3252, 0.3278



63.9441, 0.3282, 0.3388

Sweetspot

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



63.9468, 0.3004, 0.3301



98.5512, 0.3082, 0.3294



63.2939, 0.3126, 0.3504



21.0132, 0.3071, 0.3295



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.



63.9468, 0.3004, 0.3301



95.3917, 0.2980, 0.3303



60.1730, 0.2998, 0.3198



14.0957, 0.2990, 0.3302



31.6633, 0.2293, 0.3454



1.9134, 0.2284, 0.3423

Inverse Universe

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



57.1743, 0.3265, 0.3279



83.3386, 0.3295, 0.3277



60.7112, 0.3263, 0.3380



12.4316, 0.3283, 0.3278



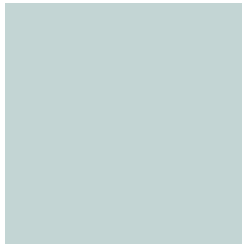
8.6614, 0.6338, 0.3265



0.5263, 0.6148, 0.3161

Previews

White Background



This preview shows how the Yxy color 63.9441, 0.3004, 0.3301 looks on a white background.

Color Contrast Check

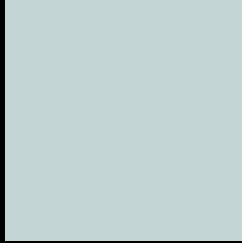
Large Text (above 18pt) WCAG AA × Fail

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 63.9441, 0.3004, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

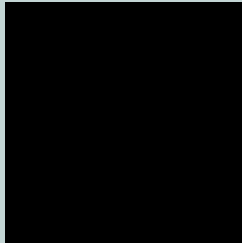
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

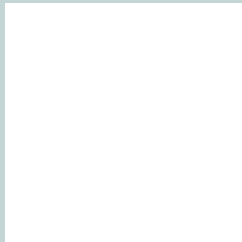
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9441, 0.3004, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 63.9441, 0.3004, 0.3301.



This preview shows how white text looks on a background with the Yxy color 63.9441, 0.3004, 0.3301.

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

63.9441, 0.3004, 0.3301

Protanopia

63.8613, 0.3158, 0.3279

Deuteranopia

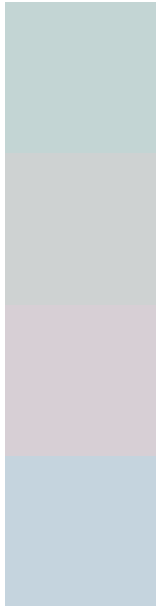
63.8978, 0.3233, 0.3170



Tritanopia

64.1403, 0.2928, 0.3107

Trichromacy



Original Color

63.9441, 0.3004, 0.3301

Protanomaly

63.8681, 0.3098, 0.3290

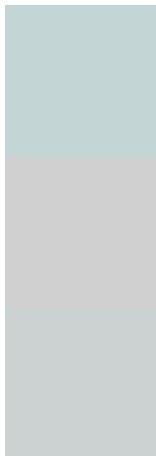
Deuteranomaly

63.8768, 0.3145, 0.3223

Tritanomaly

64.2312, 0.2953, 0.3174

Monochromacy



Original Color

63.9441, 0.3004, 0.3301

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3931, 0.3082, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9441, 0.3004, 0.3301 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 212) }
```

Border

The CSS property to change the border of an element to Yxy 63.9441, 0.3004, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

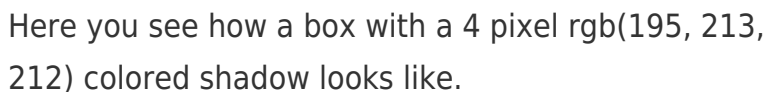
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 213, 212) }
```

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

```
.border{ border-color:rgb(195, 213, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 212);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9441, 0.3004, 0.3301 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, 212) }
```

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

```
.background{ background-color: rgb(195,  
213, 212) }
```

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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