

Converting Colors

$Yxy(63.5655, 0.3025, 0.3312)$

Have a look what the booklet for
Yxy(63.5655, 0.3025, 0.3312)
contains.

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Color

Yxy(63.4759, 0.3024, 0.3313)

Conversions

Conversions Part 1

Format	Color
Hex	C4D4D2
RGB	196, 212, 210
RGB Percent	77%, 83%, 82%
CMY	0.2315, 0.1686, 0.1764
CMYK	0.08, 0.00, 0.01, 0.17
HSL	173°, 16%, 80%
HSV	173°, 8%, 83%
XYZ	57.9388, 63.4759, 70.1818
YIQ	206.9880, -8.8940, -4.0140

Conversions

Conversions Part 2

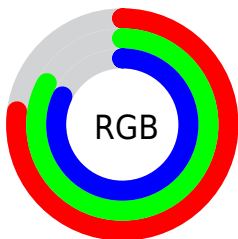
Format	Color
RYB	196, 205, 212
Decimal	12899538
CIELab	83.69, -5.76, -0.88
CIELCh	84, 5.825, 188.691
Yxy	63.4759, 0.3024, 0.3313
Android (android.graphics.Color)	4291089618 (0xFFC4D4D2)
YUV	206.9880, 1.4849, -9.6365
Hunter-Lab	79.6718, -9.6171, 3.5425

Details

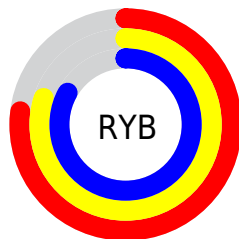
The Yxy color **63.4759, 0.3024, 0.3313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5451, 0.3241, 0.3267**, and the grayscale version is **62.3834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **32.2650, 0.2993, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **60.7037, 0.2893, 0.3346**, and if you desaturate by 10%, it is **66.6573, 0.3161, 0.3283**.

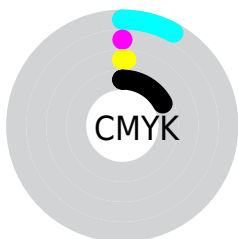
Distribution



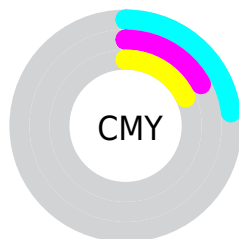
- Red (77%)
- Green (83%)
- Blue (82%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (23%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4759, 0.3024, 0.3313 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 63.4759, 0.3024, 0.3313 by changing the saturation by 10% instead.

■ 63.4759, 0.3024,
0.3313

■ 63.4759, 0.3024,
0.3313

437.2946, 0.3073,
0.3302

■ 46.2263, 0.3013,
0.3315

109.8558, 0.3041,
0.3309

■ 32.4244, 0.2998,
0.3319

139.7549, 0.3048,
0.3308

■ 21.6859, 0.2980,
0.3322

174.6393, 0.3053,
0.3307

■ 13.6263, 0.2955,
0.3328

214.8934, 0.3058,
0.3306

■ 7.8612, 0.2921,
0.3335

260.9016, 0.3063,
0.3305

■ 4.0063, 0.2869,
0.3346

313.0482, 0.3067,

■ 1.6771, 0.2784,

0.3304

371.7178, 0.3070,
0.3303

0.3363

0.4087, 0.2131,
0.3514

0.0000, 0.0000,
0.0000

63.4759, 0.3024,
0.3313

63.4759, 0.3024,
0.3313

60.7037, 0.2893,
0.3346

66.6573, 0.3161,
0.3283

58.3159, 0.2771,
0.3382

70.2558, 0.3301,
0.3256


56.2973, 0.2661,
0.3420

73.4092, 0.3408,
0.3231


54.6284, 0.2565,
0.3461


73.5481, 0.3389,
0.3204


 53.2882, 0.2486,
0.3503


 73.6892, 0.3370,
0.3178


 52.2532, 0.2426,
0.3546

 73.8326, 0.3351,
0.3152


 51.4968, 0.2385,
0.3589

 73.9781, 0.3332,
0.3126

 50.9879, 0.2363,
0.3633

 74.1259, 0.3313,
0.3100

 50.6834, 0.2357,
0.3676

 74.2760, 0.3294,
0.3074

Harmonies

Analogous

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



63.4759, 0.3087, 0.3374



63.4759, 0.3024, 0.3313



63.4759, 0.2989, 0.3247

Triad

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



63.4759, 0.3024, 0.3313



63.4759, 0.3092, 0.3172



63.4759, 0.3266, 0.3386

Complementary

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



63.4759, 0.3024, 0.3313



57.5451, 0.3241, 0.3267

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.



63.4759, 0.3268, 0.3331



63.4759, 0.3024, 0.3313



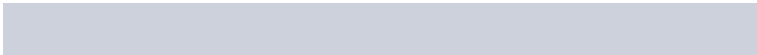
63.4759, 0.3167, 0.3209

Square

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



63.4759, 0.3024, 0.3313



63.4759, 0.3028, 0.3166



63.4759, 0.3231, 0.3266



63.4759, 0.3227, 0.3416

Rectangle

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



63.4759, 0.3024, 0.3313



63.4759, 0.2986, 0.3209



63.4759, 0.3231, 0.3266



63.4759, 0.3271, 0.3370

Sweetspot

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



63.4786, 0.3024, 0.3313



99.0048, 0.3099, 0.3296



63.0978, 0.3134, 0.3480



21.2015, 0.3101, 0.3296



0.0000, 0.0000, 0.0000



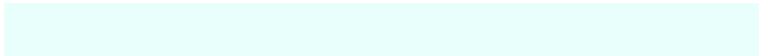
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4786, 0.3024, 0.3313



95.7219, 0.3003, 0.3318



60.6931, 0.3011, 0.3221



14.0801, 0.2999, 0.3319



31.2592, 0.2356, 0.3680



1.8930, 0.2335, 0.3605

Inverse Universe

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



57.5451, 0.3241, 0.3267



84.9938, 0.3266, 0.3262



60.1571, 0.3249, 0.3359



12.4457, 0.3272, 0.3261



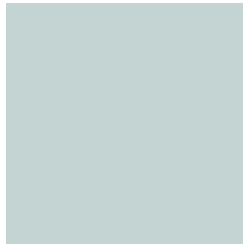
8.6961, 0.6235, 0.3208



0.5330, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 63.4759, 0.3024, 0.3313 looks on a white background.

Color Contrast Check

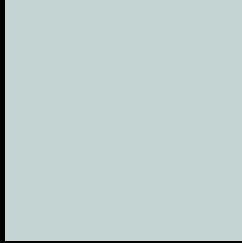
Large Text (above 18pt) WCAG AA × Fail

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 63.4759, 0.3024, 0.3313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

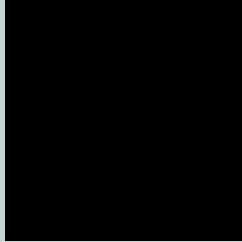
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

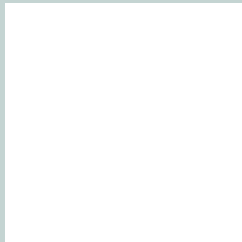
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4759, 0.3024, 0.3313

Background



This preview shows how black text looks on a background with the Yxy color 63.4759, 0.3024, 0.3313.



This preview shows how white text looks on a background with the Yxy color 63.4759, 0.3024, 0.3313.

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

63.4759, 0.3024, 0.3313

Protanopia

63.1277, 0.3165, 0.3290

Deuteranopia

63.3254, 0.3249, 0.3180



Tritanopia

63.7263, 0.2941, 0.3107

Trichromacy



Original Color

63.4759, 0.3024, 0.3313

Protanomaly

63.2768, 0.3112, 0.3301

Deuteranomaly

63.4447, 0.3168, 0.3234

Tritanomaly

63.7616, 0.2973, 0.3186

Monochromacy



Original Color

63.4759, 0.3024, 0.3313

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8515, 0.3089, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4759, 0.3024, 0.3313 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(196, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 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(196, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 210) }
```

Border

The CSS property to change the border of an element to Yxy 63.4759, 0.3024, 0.3313 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(196, 212, 210) }
```

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

```
.border{ border-color:rgb(196, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4759, 0.3024, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 210) }
```

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

```
.background{ background-color: rgb(196,  
212, 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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