

Converting Colors

$Yxy(63.6302, 0.2979, 0.3267)$

Have a look what the booklet for
Yxy(63.6302, 0.2979, 0.3267)
contains.

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Color

Yxy(63.4113, 0.2984, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C2D4D6
RGB	194, 212, 214
RGB Percent	76%, 83%, 84%
CMY	0.2391, 0.1686, 0.1608
CMYK	0.09, 0.01, 0.00, 0.16
HSL	186°, 20%, 80%
HSV	186°, 9%, 84%
XYZ	57.9361, 63.4113, 72.8084
YIQ	206.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

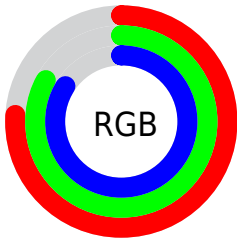
Format	Color
RYB	194, 203, 214
Decimal	12768470
CIELab	83.66, -5.62, -3.07
CIELCh	84, 6.402, 208.630
Yxy	63.4113, 0.2984, 0.3266
Android (android.graphics.Color)	4290958550 (0xFFC2D4D6)
YUV	206.8460, 3.5269, -11.2659
Hunter-Lab	79.6312, -9.4860, 1.5318

Details

The Yxy color **63.4113, 0.2984, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6950, 0.3287, 0.3314**, and the grayscale version is **62.2799, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **32.1926, 0.2948, 0.3258** is the 20% darker color. If you saturate the color by 10%, you get **59.7118, 0.2836, 0.3238**, and if you desaturate by 10%, it is **67.5383, 0.3138, 0.3292**.

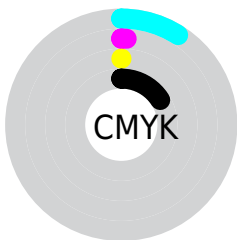
Distribution



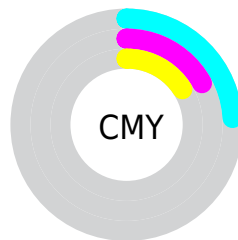
- Red (76%)
- Green (83%)
- Blue (84%)



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



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4113, 0.2984, 0.3266 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 63.4113, 0.2984, 0.3266 by changing the saturation by 10% instead.

■ 63.4113, 0.2984,
0.3266

■ 63.4113, 0.2984,
0.3266

437.0606, 0.3052,
0.3278

■ 46.1740, 0.2968,
0.3263

■ 109.7627, 0.3008,
0.3270

■ 32.3832, 0.2948,
0.3259

139.6456, 0.3017,
0.3272

■ 21.6543, 0.2923,
0.3255

174.5125, 0.3025,
0.3273

■ 13.6031, 0.2889,
0.3248

214.7477, 0.3032,
0.3274

■ 7.8452, 0.2842,
0.3239

260.7358, 0.3038,
0.3275

■ 3.9960, 0.2772,
0.3224

312.8610, 0.3043,

■ 1.6713, 0.2656,

0.3276

371.5079, 0.3048,
0.3277

0.3198

0.4050, 0.1894,
0.3096

0.0000, 0.0000,
0.0000

63.4113, 0.2984,
0.3266

63.4113, 0.2984,
0.3266

59.7118, 0.2836,
0.3238

67.5383, 0.3138,
0.3292

56.4144, 0.2697,
0.3208

72.1013, 0.3294,
0.3315

53.5031, 0.2569,
0.3176

76.4991, 0.3426,
0.3336

50.9579, 0.2456,
0.3143

77.6278, 0.3423,
0.3358

■ 48.7565, 0.2360,
0.3109

■ 78.7712, 0.3419,
0.3379

■ 46.8746, 0.2282,
0.3074

■ 79.9292, 0.3416,
0.3401

■ 45.2841, 0.2223,
0.3039

■ 81.1019, 0.3412,
0.3422

■ 43.9521, 0.2183,
0.3004

■ 82.2895, 0.3409,
0.3444

■ 42.8235, 0.2159,
0.2970

■ 83.4918, 0.3406,
0.3465

Harmonies

Analogous

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



63.4113, 0.3034, 0.3339



63.4113, 0.2984, 0.3266



63.4113, 0.2972, 0.3200

Triad

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



63.4113, 0.2984, 0.3266



63.4113, 0.3143, 0.3184



63.4113, 0.3255, 0.3421

Complementary

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



63.4113, 0.2984, 0.3266



57.6950, 0.3287, 0.3314

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.



63.4113, 0.3285, 0.3377



63.4113, 0.2984, 0.3266



63.4113, 0.3220, 0.3241

Square

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



63.4113, 0.2984, 0.3266



63.4113, 0.3063, 0.3154



63.4113, 0.3273, 0.3311



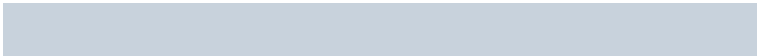
63.4113, 0.3190, 0.3430

Rectangle

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



63.4113, 0.2984, 0.3266



63.4113, 0.2986, 0.3170



63.4113, 0.3273, 0.3311



63.4113, 0.3270, 0.3410

Sweetspot

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



63.4140, 0.2984, 0.3266



98.0871, 0.3080, 0.3282



63.5579, 0.3103, 0.3504



20.8874, 0.3068, 0.3280



0.0000, 0.0000, 0.0000



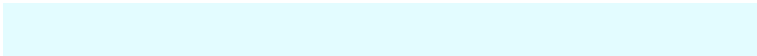
21.4041, 0.3127, 0.3290

Same Dimension

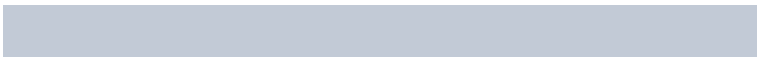
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4140, 0.2984, 0.3266



93.2729, 0.2957, 0.3261



58.5816, 0.2983, 0.3148



13.8840, 0.2983, 0.3266



25.9260, 0.2159, 0.2972



1.6269, 0.2176, 0.3032

Inverse Universe

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



57.6496, 0.3153, 0.3085



83.2101, 0.3158, 0.3045



62.3454, 0.3275, 0.3428



12.6101, 0.3153, 0.3083



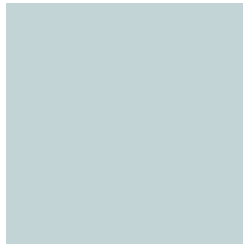
10.9621, 0.3479, 0.1690



0.6676, 0.3426, 0.1661

Previews

White Background



This preview shows how the Yxy color 63.4113, 0.2984, 0.3266 looks on a white background.

Color Contrast Check

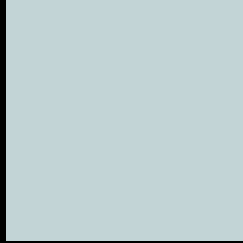
Large Text (above 18pt) WCAG AA × Fail

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 63.4113, 0.2984, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

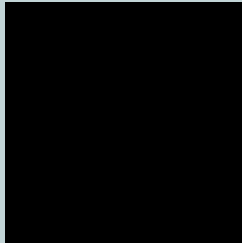
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

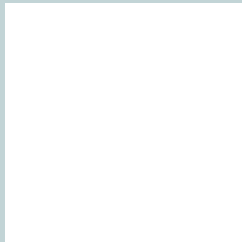
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4113, 0.2984, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 63.4113, 0.2984, 0.3266.



This preview shows how white text looks on a background with the Yxy color 63.4113, 0.2984, 0.3266.

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

63.4113, 0.2984, 0.3266

Protanopia

63.1777, 0.3129, 0.3244

Deuteranopia

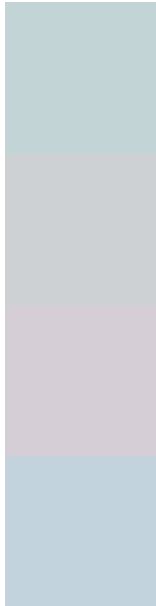
63.2065, 0.3204, 0.3136



Tritanopia

63.3750, 0.2914, 0.3094

Trichromacy



Original Color

63.4113, 0.2984, 0.3266

Protanomaly

63.3335, 0.3077, 0.3255

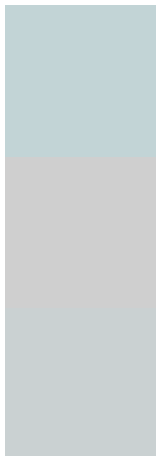
Deuteranomaly

63.3451, 0.3124, 0.3189

Tritanomaly

63.4646, 0.2939, 0.3162

Monochromacy



Original Color

63.4113, 0.2984, 0.3266

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8106, 0.3068, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4113, 0.2984, 0.3266 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(194, 212, 214)` looks like.

```
.text, #text, p{  
    color:rgb(194, 212, 214)  
}
```

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(194, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 212, 214) }
```

Border

The CSS property to change the border of an element to Yxy 63.4113, 0.2984, 0.3266 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(194, 212, 214) }
```

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

```
.border{ border-color:rgb(194, 212, 214) }
```

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

Here you see how a box with a 4 pixel rgb(194, 212, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(194, 212,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4113, 0.2984, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 212, 214) }
```

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

```
.background{ background-color: rgb(194,  
212, 214) }
```

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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