

Converting Colors

$Yxy(63.0715, 0.3008, 0.3245)$

Have a look what the booklet for
Yxy(63.0715, 0.3008, 0.3245)
contains.

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Color

Yxy(62.9540, 0.3012, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	C6D2D6
RGB	198, 210, 214
RGB Percent	78%, 82%, 84%
CMY	0.2236, 0.1764, 0.1607
CMYK	0.07, 0.02, 0.00, 0.16
HSL	195°, 16%, 81%
HSV	195°, 7%, 84%
XYZ	58.4698, 62.9540, 72.6990
YIQ	206.8680, -8.4360, -1.3000

Conversions

Conversions Part 2

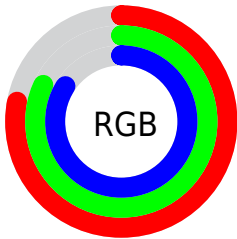
Format	Color
R _{YB}	198, 205, 214
Decimal	13030102
CIE Lab	83.42, -3.29, -3.39
CIE LCh	83, 4.724, 225.922
Yxy	62.9540, 0.3012, 0.3243
Android (android.graphics.Color)	4291220182 (0xFFC6D2D6)
YUV	206.8680, 3.5161, -7.7772
Hunter-Lab	79.3436, -7.3112, 1.2157

Details

The Yxy color **62.9540, 0.3012, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6091, 0.3250, 0.3337**, and the grayscale version is **62.2883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2094, 0.2985, 0.3243** is the 20% darker color. If you saturate the color by 10%, you get **57.6545, 0.2859, 0.3175**, and if you desaturate by 10%, it is **68.7580, 0.3166, 0.3305**.

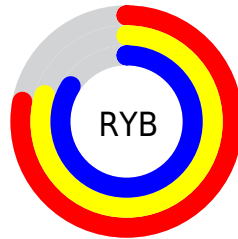
Distribution



Red (78%)

Green (82%)

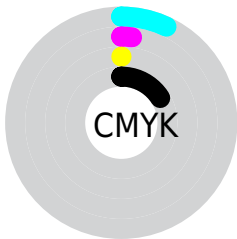
Blue (84%)



Red (78%)

Yellow (80%)

Blue (84%)

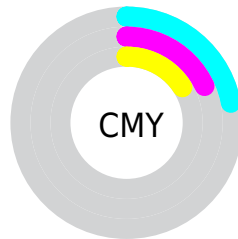


Cyan (7%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (22%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9540, 0.3012, 0.3243 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 62.9540, 0.3012, 0.3243 by changing the saturation by 10% instead.

■ 62.9540, 0.3012,
0.3243

■ 62.9540, 0.3012,
0.3243

435.4025, 0.3067,
0.3266

■ 45.8040, 0.2999,
0.3238

109.1031, 0.3031,
0.3251

■ 32.0912, 0.2983,
0.3231

138.8711, 0.3039,
0.3254

■ 21.4312, 0.2963,
0.3222

173.6138, 0.3045,
0.3257

■ 13.4395, 0.2935,
0.3210

213.7156, 0.3050,
0.3259

■ 7.7319, 0.2897,
0.3194

259.5610, 0.3055,
0.3261

■ 3.9239, 0.2840,
0.3168

311.5344, 0.3059,

■ 1.6311, 0.2745,

0.3263

370.0201, 0.3063,
0.3264

0.3124

0.3784, 0.2138,
0.2895

0.0000, 0.0000,
0.0000

62.9540, 0.3012,
0.3243

62.9540, 0.3012,
0.3243

57.6545, 0.2859,
0.3175

68.7580, 0.3166,
0.3305

52.8335, 0.2710,
0.3100

75.0754, 0.3318,
0.3360

48.4745, 0.2568,
0.3020

80.5372, 0.3414,
0.3412

44.5568, 0.2436,
0.2935

83.4920, 0.3406,
0.3465

■ 41.0578, 0.2318,
0.2845

■ 86.5383, 0.3397,
0.3517

■ 37.9528, 0.2216,
0.2753

■ 89.6769, 0.3389,
0.3569

■ 35.2135, 0.2132,
0.2660

■ 92.9086, 0.3381,
0.3620

■ 32.8073, 0.2069,
0.2567

■ 96.2341, 0.3373,
0.3670

■ 30.6896, 0.2024,
0.2474

■ 97.6360, 0.3369,
0.3691

Harmonies

Analogous

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



62.9540, 0.3034, 0.3296



62.9540, 0.3012, 0.3243



62.9540, 0.3021, 0.3204

Triad

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



62.9540, 0.3012, 0.3243



62.9540, 0.3173, 0.3234



62.9540, 0.3197, 0.3394

Complementary

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



62.9540, 0.3012, 0.3243



60.6091, 0.3250, 0.3337

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.



62.9540, 0.3235, 0.3376



62.9540, 0.3012, 0.3243



62.9540, 0.3221, 0.3284

Square

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



62.9540, 0.3012, 0.3243



62.9540, 0.3113, 0.3199



62.9540, 0.3244, 0.3336



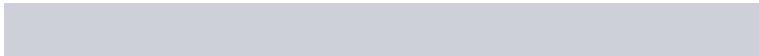
62.9540, 0.3140, 0.3384

Rectangle

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



62.9540, 0.3012, 0.3243



62.9540, 0.3043, 0.3190



62.9540, 0.3244, 0.3336



62.9540, 0.3212, 0.3391

Sweetspot

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



62.9567, 0.3012, 0.3243



98.2352, 0.3096, 0.3278



64.3558, 0.3093, 0.3434



21.0449, 0.3098, 0.3278



0.0000, 0.0000, 0.0000



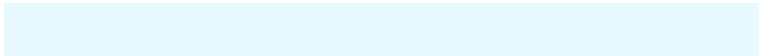
21.4041, 0.3127, 0.3290

Same Dimension

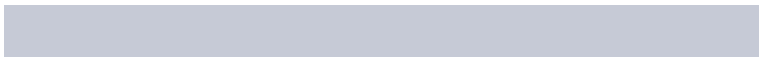
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.9567, 0.3012, 0.3243



92.2999, 0.2988, 0.3233



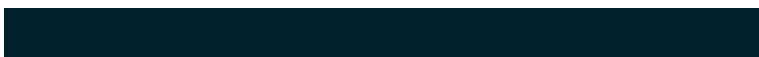
59.2193, 0.3012, 0.3152



13.5578, 0.2982, 0.3230



18.4148, 0.2018, 0.2465



1.2382, 0.2062, 0.2624

Inverse Universe

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



59.3302, 0.3165, 0.3153



85.8575, 0.3174, 0.3123



64.3401, 0.3242, 0.3425



12.5772, 0.3175, 0.3117



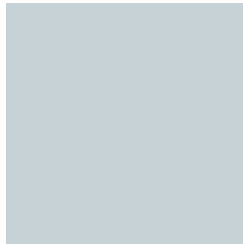
10.2038, 0.3957, 0.1954



0.6283, 0.3801, 0.1867

Previews

White Background



This preview shows how the Yxy color 62.9540, 0.3012, 0.3243 looks on a white background.

Color Contrast Check

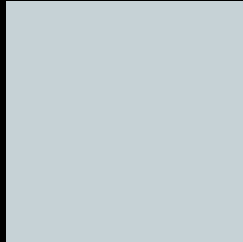
Large Text (above 18pt) WCAG AA × Fail

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 62.9540, 0.3012, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

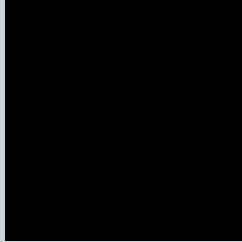
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

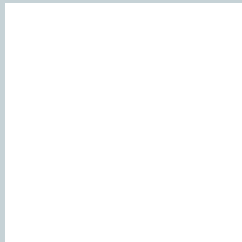
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.9540, 0.3012, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 62.9540, 0.3012, 0.3243.



This preview shows how white text looks on a background with the Yxy color 62.9540, 0.3012, 0.3243.

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

62.9540, 0.3012, 0.3243

Protanopia

63.0808, 0.3115, 0.3233

Deuteranopia

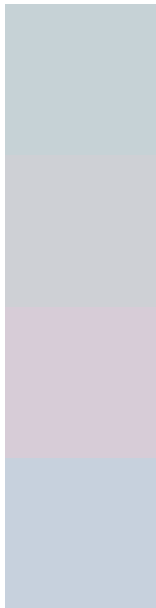
62.5784, 0.3197, 0.3125



Tritanopia

62.8274, 0.2954, 0.3095

Trichromacy



Original Color

62.9540, 0.3012, 0.3243

Protanomaly

63.0377, 0.3078, 0.3232

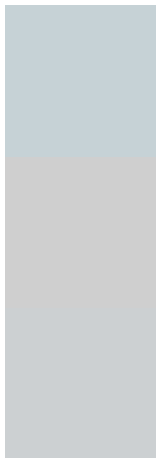
Deuteranomaly

62.5391, 0.3133, 0.3166

Tritanomaly

62.9635, 0.2973, 0.3151

Monochromacy



Original Color

62.9540, 0.3012, 0.3243

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6023, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9540, 0.3012, 0.3243 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(198, 210, 214)` looks like.

```
.text, #text, p{  
    color:rgb(198, 210, 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(198, 210, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 210, 214) }
```

Border

The CSS property to change the border of an element to Yxy 62.9540, 0.3012, 0.3243 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(198, 210, 214) }
```

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

```
.border{ border-color:rgb(198, 210, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 210, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 210, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 210, 214);  
box-shadow:4px 4px 4px 4px rgb(198, 210,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9540, 0.3012, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 210, 214) }
```

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

```
.background{ background-color: rgb(198,  
210, 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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