

Converting Colors

Yxy(59.5313, 0.3027, 0.3249)

Have a look what the booklet for
Yxy(59.5313, 0.3027, 0.3249)
contains.

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Color

Yxy(59.6860, 0.3024, 0.3254)

Conversions

Conversions Part 1

Format	Color
Hex	C2CDD0
RGB	194, 205, 208
RGB Percent	76%, 80%, 82%
CMY	0.2392, 0.1961, 0.1843
CMYK	0.07, 0.01, 0.00, 0.18
HSL	193°, 13%, 79%
HSV	193°, 7%, 82%
XYZ	55.4673, 59.6860, 68.2702
YIQ	202.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

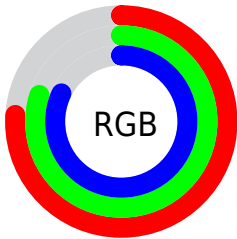
Format	Color
RYB	194, 200, 208
Decimal	12766672
CIELab	81.67, -3.15, -2.79
CIELCh	82, 4.204, 221.550
Yxy	59.6860, 0.3024, 0.3254
Android (android.graphics.Color)	4290956752 (0xFFC2CDD0)
YUV	202.0530, 2.9319, -7.0625
Hunter-Lab	77.2567, -7.0433, 1.6863

Details

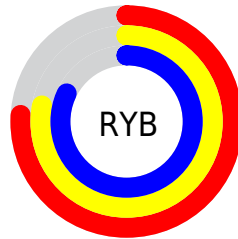
The Yxy color **59.6860, 0.3024, 0.3254** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2450, 0.3237, 0.3326**, and the grayscale version is **59.0851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **30.0418, 0.2991, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **55.0221, 0.2872, 0.3196**, and if you desaturate by 10%, it is **64.8010, 0.3177, 0.3307**.

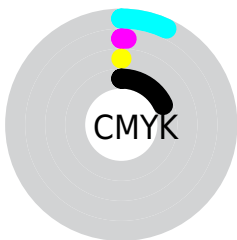
Distribution



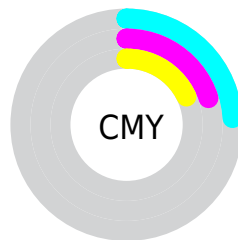
- Red (76%)
- Green (80%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6860, 0.3024, 0.3254 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 59.6860, 0.3024, 0.3254 by changing the saturation by 10% instead.

■ 59.6860, 0.3024,
0.3254

■ 59.6860, 0.3024,
0.3254

423.4394, 0.3073,
0.3272

■ 43.1656, 0.3012,
0.3250

■ 104.3740, 0.3041,
0.3260

■ 30.0151, 0.2998,
0.3244

133.3105, 0.3048,
0.3263

■ 19.8500, 0.2979,
0.3237

167.1543, 0.3054,
0.3265

■ 12.2861, 0.2953,
0.3228

206.2901, 0.3059,
0.3266

■ 6.9388, 0.2917,
0.3214

251.1020, 0.3063,
0.3268

■ 3.4239, 0.2862,
0.3193

301.9747, 0.3067,

■ 1.3568, 0.2769,

0.3269

0.3156

359.2923, 0.3070,
0.3270

0.1846, 0.1452,
0.2718

0.0000, 0.0000,
0.0000

59.6860, 0.3024,
0.3254

59.6860, 0.3024,
0.3254

55.0221, 0.2872,
0.3196

64.8010, 0.3177,
0.3307

50.7854, 0.2725,
0.3133

70.3749, 0.3330,
0.3354

46.9608, 0.2585,
0.3065

76.1555, 0.3470,
0.3396

43.5295, 0.2456,
0.2993

78.5056, 0.3461,
0.3441

■ 40.4709, 0.2341,
0.2917

■ 80.9185, 0.3453,
0.3485

■ 37.7623, 0.2243,
0.2840

■ 83.3947, 0.3446,
0.3529

■ 35.3783, 0.2163,
0.2761

■ 85.9346, 0.3438,
0.3573

■ 33.2891, 0.2103,
0.2682

■ 88.5387, 0.3430,
0.3616

■ 31.4560, 0.2061,
0.2604

■ 91.2074, 0.3422,
0.3658

Harmonies

Analogous

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



59.6860, 0.3048, 0.3302



59.6860, 0.3024, 0.3254



59.6860, 0.3028, 0.3216

Triad

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



59.6860, 0.3024, 0.3254



59.6860, 0.3162, 0.3234



59.6860, 0.3197, 0.3383

Complementary

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



59.6860, 0.3024, 0.3254



57.2450, 0.3237, 0.3326

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.



59.6860, 0.3228, 0.3364



59.6860, 0.3024, 0.3254



59.6860, 0.3207, 0.3277

Square

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



59.6860, 0.3024, 0.3254



59.6860, 0.3107, 0.3205



59.6860, 0.3232, 0.3325



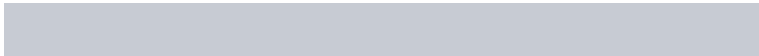
59.6860, 0.3147, 0.3378

Rectangle

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



59.6860, 0.3024, 0.3254



59.6860, 0.3045, 0.3201



59.6860, 0.3232, 0.3325



59.6860, 0.3210, 0.3379

Sweetspot

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



59.6885, 0.3024, 0.3254



98.3497, 0.3096, 0.3279



60.6056, 0.3100, 0.3424



21.0682, 0.3098, 0.3280



0.0000, 0.0000, 0.0000



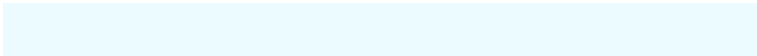
21.4041, 0.3127, 0.3290

Same Dimension

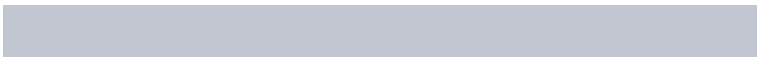
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6885, 0.3024, 0.3254



93.5745, 0.3003, 0.3246



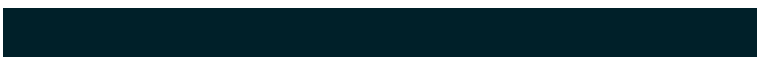
56.5105, 0.3025, 0.3172



12.9588, 0.2983, 0.3239



19.3972, 0.2053, 0.2590



1.1944, 0.2092, 0.2733

Inverse Universe

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



56.4086, 0.3157, 0.3162



87.3893, 0.3164, 0.3135



60.3984, 0.3230, 0.3405



11.9638, 0.3170, 0.3109



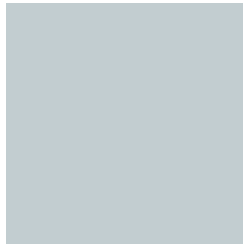
10.0294, 0.3834, 0.1886



0.5719, 0.3697, 0.1810

Previews

White Background



This preview shows how the Yxy color 59.6860, 0.3024, 0.3254 looks on a white background.

Color Contrast Check

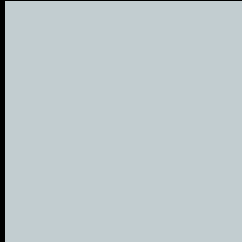
Large Text (above 18pt) WCAG AA × Fail

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 59.6860, 0.3024, 0.3254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

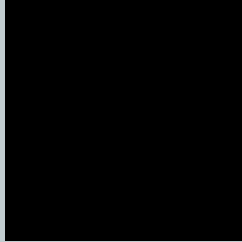
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

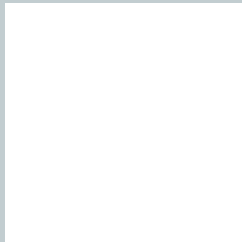
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6860, 0.3024, 0.3254

Background



This preview shows how black text looks on a background with the Yxy color 59.6860, 0.3024, 0.3254.

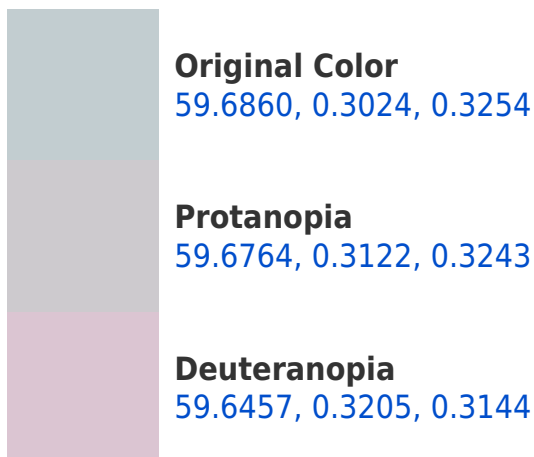


This preview shows how white text looks on a background with the Yxy color 59.6860, 0.3024, 0.3254.

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

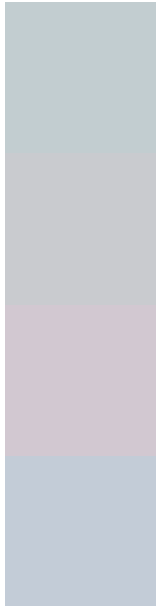




Tritanopia

59.5621, 0.2964, 0.3102

Trichromacy



Original Color

59.6860, 0.3024, 0.3254

Protanomaly

59.6344, 0.3084, 0.3243

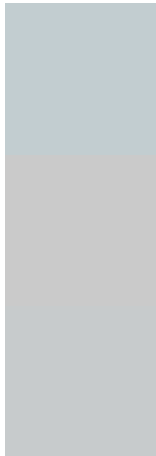
Deuteranomaly

59.6136, 0.3140, 0.3186

Tritanomaly

59.6941, 0.2984, 0.3160

Monochromacy



Original Color

59.6860, 0.3024, 0.3254

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.2136, 0.3090, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6860, 0.3024, 0.3254 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, 205, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 208)  
}
```

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, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 208) }
```

Border

The CSS property to change the border of an element to Yxy 59.6860, 0.3024, 0.3254 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, 205, 208) }
```

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

```
.border{ border-color:rgb(194, 205, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 205, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6860, 0.3024, 0.3254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 208) }
```

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

```
.background{ background-color: rgb(194,  
205, 208) }
```

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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