

Converting Colors

$Yxy(60.4750, 0.3014, 0.3238)$

Have a look what the booklet for
Yxy(60.4750, 0.3014, 0.3238)
contains.

Yxy(60.3979, 0.3018, 0.3242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(60.3979, 0.3018, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	C3CED2
RGB	195, 206, 210
RGB Percent	76%, 81%, 82%
CMY	0.2350, 0.1922, 0.1764
CMYK	0.07, 0.02, 0.00, 0.18
HSL	196°, 14%, 79%
HSV	196°, 7%, 82%
XYZ	56.2248, 60.3979, 69.6756
YIQ	203.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

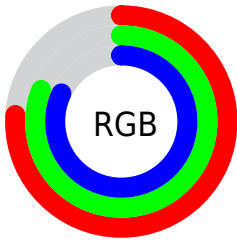
Format	Color
R_{YB}	195, 201, 210
Decimal	12832466
CIE _{Lab}	82.05, -2.92, -3.29
CIE _{LCh}	82, 4.398, 228.396
Yxy	60.3979, 0.3018, 0.3242
Android (android.graphics.Color)	4291022546 (0xFFC3CED2)
YUV	203.1670, 3.3687, -7.1625
Hunter-Lab	77.7161, -6.8648, 1.2454

Details

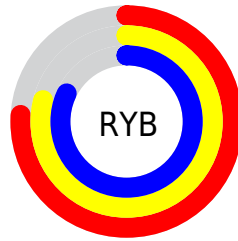
The Yxy color **60.3979, 0.3018, 0.3242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5416, 0.3243, 0.3338**, and the grayscale version is **59.8218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **30.5195, 0.2983, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **55.1171, 0.2865, 0.3169**, and if you desaturate by 10%, it is **66.1757, 0.3171, 0.3308**.

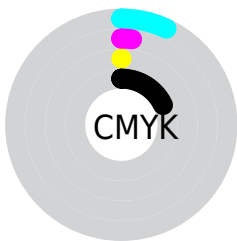
Distribution



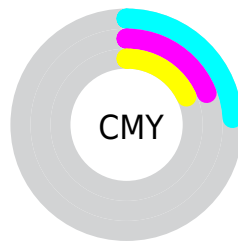
- Red (76%)
- Green (81%)
- Blue (82%)



- Red (76%)
- Yellow (79%)
- Blue (82%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.3979, 0.3018, 0.3242 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 60.3979, 0.3018, 0.3242 by changing the saturation by 10% instead.

■ 60.3979, 0.3018,
0.3242

■ 60.3979, 0.3018,
0.3242

426.0629, 0.3070,
0.3265

■ 43.7394, 0.3006,
0.3236

105.4067, 0.3036,
0.3250

■ 30.4657, 0.2990,
0.3229

134.5257, 0.3043,
0.3253

■ 20.1923, 0.2970,
0.3220

168.5671, 0.3050,
0.3256

■ 12.5349, 0.2944,
0.3208

207.9153, 0.3055,
0.3258

■ 7.1091, 0.2906,
0.3190

252.9545, 0.3059,
0.3260

■ 3.5304, 0.2849,
0.3163

304.0693, 0.3063,

■ 1.4145, 0.2752,

0.3262

0.3116

361.6439, 0.3067,
0.3264

0.2274, 0.1705,
0.2676

0.0000, 0.0000,
0.0000

60.3979, 0.3018,
0.3242

60.3979, 0.3018,
0.3242

55.1171, 0.2865,
0.3169

66.1757, 0.3171,
0.3308

50.3081, 0.2715,
0.3088

72.4591, 0.3322,
0.3368

45.9552, 0.2571,
0.3002

78.6779, 0.3447,
0.3422

42.0383, 0.2436,
0.2910

81.7556, 0.3437,
0.3478

■ 38.5358, 0.2315,
0.2813

■ 84.9356, 0.3428,
0.3534

■ 35.4239, 0.2209,
0.2713

■ 88.2188, 0.3418,
0.3589

■ 32.6757, 0.2122,
0.2612

■ 91.6061, 0.3409,
0.3643

■ 30.2599, 0.2055,
0.2510

■ 95.0985, 0.3400,
0.3696

■ 28.1350, 0.2007,
0.2410

■ 97.4338, 0.3394,
0.3730

Harmonies

Analogous

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



60.3979, 0.3036, 0.3291



60.3979, 0.3018, 0.3242



60.3979, 0.3029, 0.3206

Triad

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



60.3979, 0.3018, 0.3242



60.3979, 0.3175, 0.3241



60.3979, 0.3189, 0.3388

Complementary

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



60.3979, 0.3018, 0.3242



58.5416, 0.3243, 0.3338

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.



60.3979, 0.3227, 0.3374



60.3979, 0.3018, 0.3242



60.3979, 0.3219, 0.3288

Square

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



60.3979, 0.3018, 0.3242



60.3979, 0.3119, 0.3206



60.3979, 0.3238, 0.3337



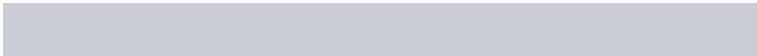
60.3979, 0.3135, 0.3376

Rectangle

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



60.3979, 0.3018, 0.3242



60.3979, 0.3051, 0.3195



60.3979, 0.3238, 0.3337



60.3979, 0.3204, 0.3386

Sweetspot

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



60.4005, 0.3018, 0.3242



98.1709, 0.3096, 0.3277



61.8381, 0.3092, 0.3421



21.0319, 0.3098, 0.3277



0.0000, 0.0000, 0.0000



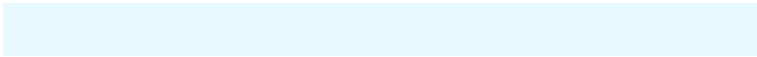
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4005, 0.3018, 0.3242



92.0177, 0.2988, 0.3228



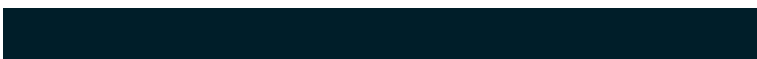
56.9100, 0.3019, 0.3153



12.8451, 0.2983, 0.3226



16.9798, 0.1999, 0.2396



1.0769, 0.2050, 0.2579

Inverse Universe

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



57.2221, 0.3165, 0.3163



85.8290, 0.3177, 0.3127



62.0443, 0.3235, 0.3423



11.9523, 0.3178, 0.3122



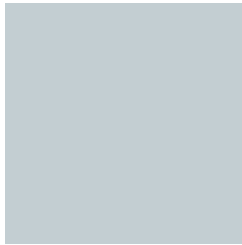
9.7854, 0.4027, 0.1992



0.5600, 0.3844, 0.1891

Previews

White Background



This preview shows how the Yxy color 60.3979, 0.3018, 0.3242 looks on a white background.

Color Contrast Check

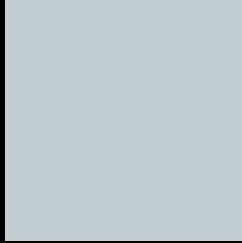
Large Text (above 18pt) WCAG AA × Fail

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 60.3979, 0.3018, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

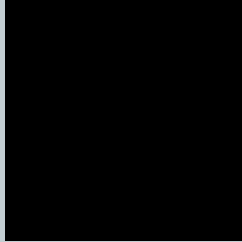
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

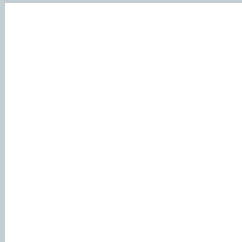
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.3979, 0.3018, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 60.3979, 0.3018, 0.3242.



This preview shows how white text looks on a background with the Yxy color 60.3979, 0.3018, 0.3242.

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

60.3979, 0.3018, 0.3242

Protanopia

60.3877, 0.3115, 0.3232

Deuteranopia

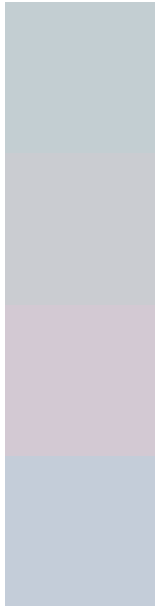
60.3573, 0.3197, 0.3133



Tritanopia

60.2765, 0.2958, 0.3092

Trichromacy



Original Color

60.3979, 0.3018, 0.3242

Protanomaly

60.3457, 0.3077, 0.3231

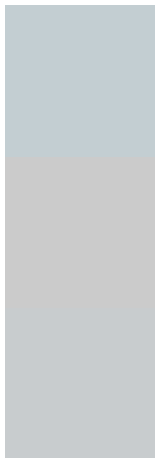
Deuteranomaly

60.3253, 0.3133, 0.3176

Tritanomaly

60.4082, 0.2978, 0.3149

Monochromacy



Original Color

60.3979, 0.3018, 0.3242

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.9213, 0.3083, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3979, 0.3018, 0.3242 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, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 206, 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(195, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 206, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.3979, 0.3018, 0.3242 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, 206, 210) }
```

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

```
.border{ border-color:rgb(195, 206, 210) }
```

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

Here you see how a box with a 4 pixel rgb(195, 206, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(195, 206,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3979, 0.3018, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 206, 210) }
```

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

```
.background{ background-color: rgb(195,  
206, 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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