

Converting Colors

$Yxy(60.2335, 0.2990, 0.3219)$

Have a look what the booklet for
Yxy(60.2335, 0.2990, 0.3219)
contains.

Yxy(60.2335, 0.2990, 0.3219)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.2335, 0.2990, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	C1CED4
RGB	193, 206, 212
RGB Percent	76%, 81%, 83%
CMY	0.2430, 0.1922, 0.1688
CMYK	0.09, 0.03, 0.00, 0.17
HSL	199°, 18%, 79%
HSV	199°, 9%, 83%
XYZ	55.9485, 60.2335, 70.9367
YIQ	202.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

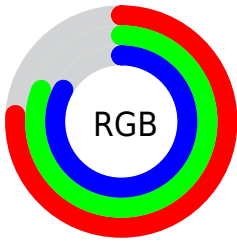
Format	Color
R_{YB}	193, 201, 212
Decimal	12701396
CIE Lab	81.96, -3.22, -4.48
CIE LCh	82, 5.516, 234.225
Yxy	60.2335, 0.2990, 0.3219
Android (android.graphics.Color)	4290891476 (0xFFC1CED4)
YUV	202.7970, 4.5371, -8.5920
Hunter-Lab	77.6102, -7.1390, 0.1354

Details

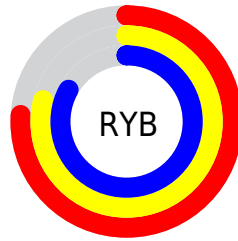
The Yxy color **60.2335, 0.2990, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6842, 0.3274, 0.3360**, and the grayscale version is **59.5653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **30.3798, 0.2955, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **54.5020, 0.2836, 0.3132**, and if you desaturate by 10%, it is **66.5057, 0.3143, 0.3298**.

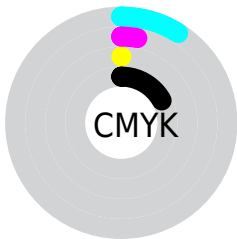
Distribution



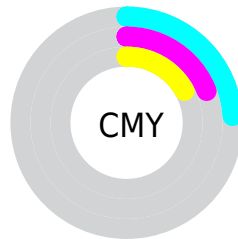
- Red (76%)
- Green (81%)
- Blue (83%)



- Red (76%)
- Yellow (79%)
- Blue (83%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (24%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.2335, 0.2990, 0.3219 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 60.2335, 0.2990, 0.3219 by changing the saturation by 10% instead.

■ 60.2335, 0.2990,
0.3219

■ 60.2335, 0.2990,
0.3219

425.4579, 0.3055,
0.3253

■ 43.6069, 0.2975,
0.3211

■ 105.1683, 0.3013,
0.3231

■ 30.3616, 0.2955,
0.3200

134.2453, 0.3022,
0.3236

■ 20.1132, 0.2930,
0.3187

168.2412, 0.3030,
0.3240

■ 12.4773, 0.2897,
0.3169

207.5403, 0.3036,
0.3243

■ 7.0696, 0.2849,
0.3143

252.5272, 0.3042,
0.3246

■ 3.5057, 0.2778,
0.3103

303.5862, 0.3047,

■ 1.4011, 0.2657,

0.3249

0.3033

361.1016, 0.3051,
0.3251

0.2175, 0.1430,
0.2430

0.0000, 0.0000,
0.0000

60.2335, 0.2990,
0.3219

60.2335, 0.2990,
0.3219

54.5020, 0.2836,
0.3132

66.5057, 0.3143,
0.3298

49.2850, 0.2684,
0.3036

73.3285, 0.3294,
0.3369

44.5653, 0.2537,
0.2933

80.4128, 0.3428,
0.3432

40.3215, 0.2400,
0.2823

84.1125, 0.3417,
0.3498

■ 36.5304, 0.2275,
0.2708

■ 87.9550, 0.3407,
0.3563

■ 33.1666, 0.2166,
0.2589

■ 91.9418, 0.3396,
0.3627

■ 30.2010, 0.2076,
0.2468

■ 96.0743, 0.3385,
0.3690

■ 27.5999, 0.2006,
0.2349

■ 97.5314, 0.3382,
0.3711

■ 25.3103, 0.1955,
0.2231

Harmonies

Analogous

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



60.2335, 0.3006, 0.3279



60.2335, 0.2990, 0.3219



60.2335, 0.3010, 0.3179

Triad

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



60.2335, 0.2990, 0.3219



60.2335, 0.3200, 0.3239



60.2335, 0.3192, 0.3413

Complementary

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



60.2335, 0.2990, 0.3219



58.6842, 0.3274, 0.3360

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.



60.2335, 0.3245, 0.3401



60.2335, 0.2990, 0.3219



60.2335, 0.3250, 0.3300

Square

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



60.2335, 0.2990, 0.3219



60.2335, 0.3131, 0.3191



60.2335, 0.3266, 0.3359



60.2335, 0.3122, 0.3392

Rectangle

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



60.2335, 0.2990, 0.3219



60.2335, 0.3041, 0.3169



60.2335, 0.3266, 0.3359



60.2335, 0.3213, 0.3413

Sweetspot

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



60.2360, 0.2990, 0.3219



97.0511, 0.3081, 0.3267



62.5180, 0.3078, 0.3448



20.6070, 0.3068, 0.3260



0.0000, 0.0000, 0.0000



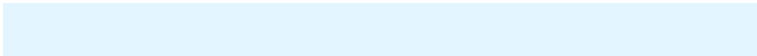
21.4041, 0.3127, 0.3290

Same Dimension

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



60.2360, 0.2990, 0.3219



89.5583, 0.2956, 0.3201



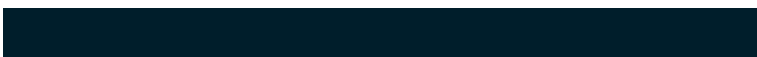
55.9421, 0.2990, 0.3108



13.4178, 0.2982, 0.3215



15.6742, 0.1954, 0.2235



1.0907, 0.2011, 0.2439

Inverse Universe

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



56.6008, 0.3182, 0.3140



82.8351, 0.3197, 0.3102



63.0389, 0.3263, 0.3465



12.5631, 0.3185, 0.3132



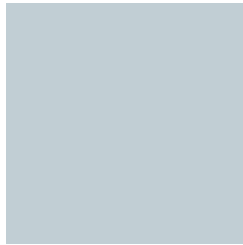
9.9272, 0.4195, 0.2085



0.6134, 0.3984, 0.1968

Previews

White Background



This preview shows how the Yxy color 60.2335, 0.2990, 0.3219 looks on a white background.

Color Contrast Check

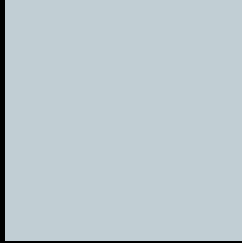
Large Text (above 18pt) WCAG AA × Fail

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 60.2335, 0.2990, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

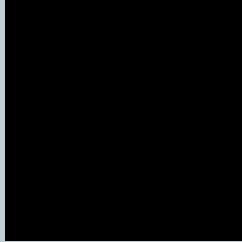
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

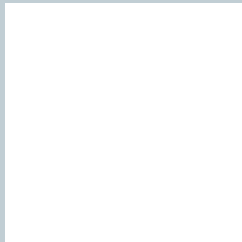
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.2335, 0.2990, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 60.2335, 0.2990, 0.3219.



This preview shows how white text looks on a background with the Yxy color 60.2335, 0.2990, 0.3219.

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

60.2335, 0.2990, 0.3219

Protanopia

59.8733, 0.3093, 0.3197

Deuteranopia

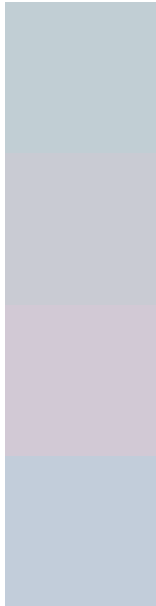
60.3033, 0.3175, 0.3111



Tritanopia

60.4852, 0.2944, 0.3103

Trichromacy



Original Color

60.2335, 0.2990, 0.3219

Protanomaly

59.8325, 0.3056, 0.3196

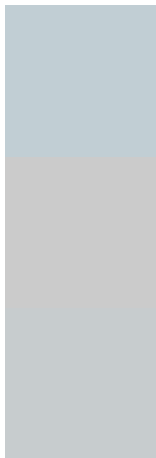
Deuteranomaly

60.2790, 0.3111, 0.3153

Tritanomaly

60.1939, 0.2957, 0.3137

Monochromacy



Original Color

60.2335, 0.2990, 0.3219

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7841, 0.3075, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.2335, 0.2990, 0.3219 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(193, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(193, 206, 212)  
}
```

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(193, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 206, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.2335, 0.2990, 0.3219 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(193, 206, 212) }
```

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

```
.border{ border-color:rgb(193, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(193, 206,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.2335, 0.2990, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 206, 212) }
```

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

```
.background{ background-color: rgb(193,  
206, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor