

Converting Colors

Yxy(60.8087, 0.3031, 0.3243)

Have a look what the booklet for
Yxy(60.8087, 0.3031, 0.3243)
contains.

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Color

Yxy(60.6661, 0.3032, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	C5CED2
RGB	197, 206, 210
RGB Percent	77%, 81%, 82%
CMY	0.2276, 0.1921, 0.1765
CMYK	0.06, 0.02, 0.00, 0.18
HSL	198°, 13%, 80%
HSV	198°, 6%, 82%
XYZ	56.7190, 60.6661, 69.6828
YIQ	203.7650, -6.6480, -0.6640

Conversions

Conversions Part 2

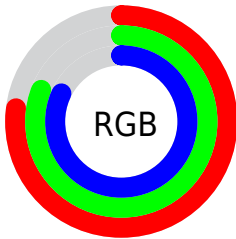
Format	Color
RYB	197, 202, 210
Decimal	12963538
CIELab	82.20, -2.32, -3.04
CIElCh	82, 3.827, 232.709
Yxy	60.6661, 0.3032, 0.3243
Android (android.graphics.Color)	4291153618 (0xFFC5CED2)
YUV	203.7650, 3.0739, -5.9329
Hunter-Lab	77.8884, -6.3197, 1.4782

Details

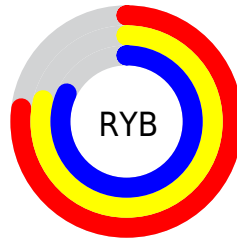
The Yxy color **60.6661, 0.3032, 0.3243** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4635, 0.3227, 0.3337**, and the grayscale version is **60.2074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **30.6964, 0.3002, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **55.0152, 0.2878, 0.3161**, and if you desaturate by 10%, it is **66.8420, 0.3185, 0.3317**.

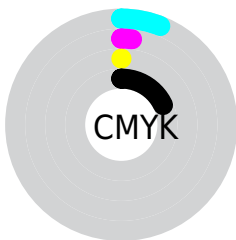
Distribution



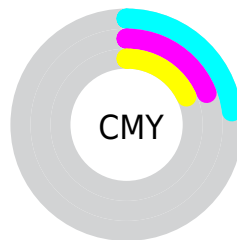
- Red (77%)
- Green (81%)
- Blue (82%)



- Red (77%)
- Yellow (79%)
- Blue (82%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.6661, 0.3032, 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 60.6661, 0.3032, 0.3243 by changing the saturation by 10% instead.

■ 60.6661, 0.3032,
0.3243

■ 60.6661, 0.3032,
0.3243

427.0487, 0.3077,
0.3266

■ 43.9558, 0.3021,
0.3238

105.7953, 0.3048,
0.3251

■ 30.6357, 0.3008,
0.3231

134.9830, 0.3054,
0.3254

■ 20.3216, 0.2990,
0.3222

169.0986, 0.3059,
0.3257

■ 12.6290, 0.2967,
0.3210

208.5264, 0.3064,
0.3259

■ 7.1736, 0.2934,
0.3193

253.6510, 0.3068,
0.3261

■ 3.5709, 0.2885,
0.3167

304.8566, 0.3072,

■ 1.4366, 0.2800,

0.3263

362.5277, 0.3075,
0.3264

0.3122

0.2434, 0.1950,
0.2717

0.0000, 0.0000,
0.0000

60.6661, 0.3032,
0.3243

60.6661, 0.3032,
0.3243

55.0152, 0.2878,
0.3161

66.8420, 0.3185,
0.3317

49.8639, 0.2726,
0.3071

73.5519, 0.3335,
0.3384

45.1959, 0.2578,
0.2973

79.8638, 0.3443,
0.3444

40.9910, 0.2439,
0.2869

83.3869, 0.3432,
0.3507

■ 37.2273, 0.2312,
0.2759

■ 87.0406, 0.3422,
0.3570

■ 33.8806, 0.2200,
0.2645

■ 90.8264, 0.3411,
0.3631

■ 30.9239, 0.2106,
0.2530

■ 94.7455, 0.3401,
0.3691

■ 28.3259, 0.2032,
0.2414

■ 97.4324, 0.3394,
0.3731

■ 26.0476, 0.1978,
0.2300

Harmonies

Analogous

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



60.6661, 0.3044, 0.3285



60.6661, 0.3032, 0.3243



60.6661, 0.3045, 0.3214

Triad

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



60.6661, 0.3032, 0.3243



60.6661, 0.3175, 0.3253



60.6661, 0.3175, 0.3375

Complementary

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



60.6661, 0.3032, 0.3243



59.4635, 0.3227, 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.



60.6661, 0.3210, 0.3366



60.6661, 0.3032, 0.3243



60.6661, 0.3211, 0.3295

Square

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



60.6661, 0.3032, 0.3243



60.6661, 0.3127, 0.3220



60.6661, 0.3223, 0.3336



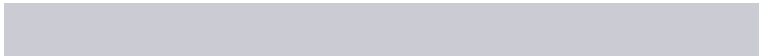
60.6661, 0.3127, 0.3362

Rectangle

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



60.6661, 0.3032, 0.3243



60.6661, 0.3066, 0.3207



60.6661, 0.3223, 0.3336



60.6661, 0.3188, 0.3375

Sweetspot

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



60.6687, 0.3032, 0.3243



98.0595, 0.3096, 0.3275



62.1605, 0.3093, 0.3398



21.0092, 0.3098, 0.3276



0.0000, 0.0000, 0.0000



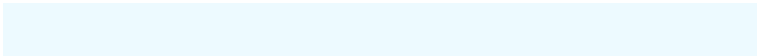
21.4041, 0.3127, 0.3290

Same Dimension

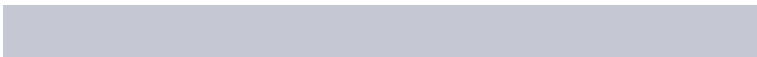
The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.6687, 0.3032, 0.3243



93.3541, 0.3019, 0.3236



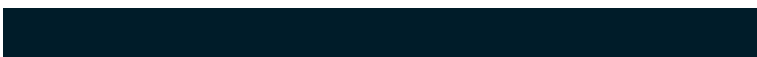
57.6208, 0.3033, 0.3166



13.0114, 0.3012, 0.3233



15.5831, 0.1965, 0.2274



1.0077, 0.2023, 0.2482

Inverse Universe

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



58.0676, 0.3163, 0.3185



88.7904, 0.3169, 0.3170



62.5381, 0.3221, 0.3411



12.3352, 0.3172, 0.3162



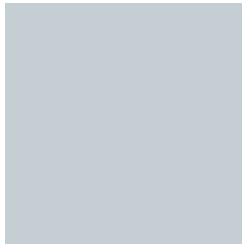
9.6444, 0.4154, 0.2062



0.5530, 0.3940, 0.1944

Previews

White Background



This preview shows how the Yxy color 60.6661, 0.3032, 0.3243 looks on a white background.

Color Contrast Check

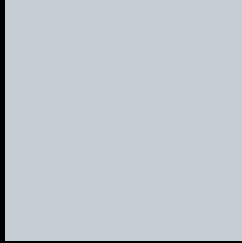
Large Text (above 18pt) WCAG AA × Fail

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 60.6661, 0.3032, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

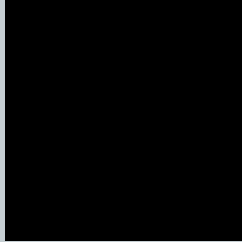
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

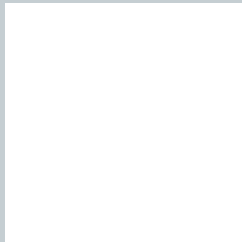
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.6661, 0.3032, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 60.6661, 0.3032, 0.3243.

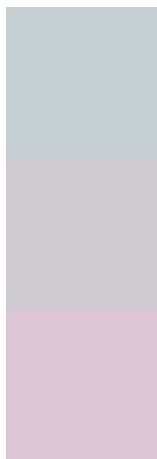


This preview shows how white text looks on a background with the Yxy color 60.6661, 0.3032, 0.3243.

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

60.6661, 0.3032, 0.3243

Protanopia

60.5313, 0.3122, 0.3232

Deuteranopia

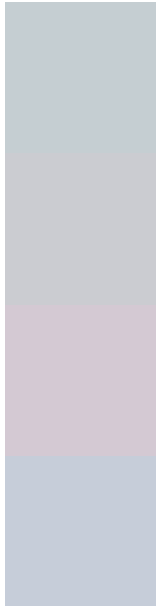
60.5138, 0.3205, 0.3134



Tritanopia

60.5483, 0.2973, 0.3093

Trichromacy



Original Color

60.6661, 0.3032, 0.3243

Protanomaly

60.4857, 0.3084, 0.3232

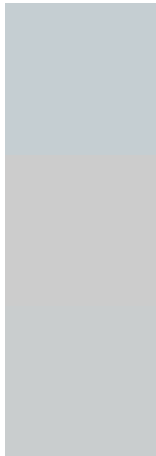
Deuteranomaly

60.4735, 0.3140, 0.3176

Tritanomaly

60.6782, 0.2992, 0.3150

Monochromacy



Original Color

60.6661, 0.3032, 0.3243

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.5364, 0.3090, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6661, 0.3032, 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(197, 206, 210)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 206, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 206, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.6661, 0.3032, 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(197, 206, 210) }
```

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

```
.border{ border-color:rgb(197, 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(197, 206, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 206, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 206, 210);  
box-shadow:4px 4px 4px 4px rgb(197, 206,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6661, 0.3032, 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(197, 206, 210) }
```

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

```
.background{ background-color: rgb(197,  
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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