

Converting Colors

$Yxy(63.3139, 0.3005, 0.3255)$

Have a look what the booklet for
Yxy(63.3139, 0.3005, 0.3255)
contains.

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Color

Yxy(63.3139, 0.3005, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C5D3D6
RGB	197, 211, 214
RGB Percent	77%, 83%, 84%
CMY	0.2275, 0.1725, 0.1608
CMYK	0.08, 0.01, 0.00, 0.16
HSL	190°, 17%, 81%
HSV	190°, 8%, 84%
XYZ	58.4511, 63.3139, 72.7478
YIQ	207.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

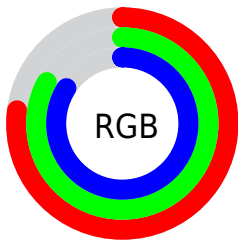
Format	Color
R_{YB}	197, 205, 214
Decimal	12964822
CIE Lab	83.61, -4.15, -3.11
CIE LCh	84, 5.182, 216.843
Yxy	63.3139, 0.3005, 0.3255
Android (android.graphics.Color)	4291154902 (0xFFC5D3D6)
YUV	207.1560, 3.3741, -8.9068
Hunter-Lab	79.5700, -8.1238, 1.4925

Details

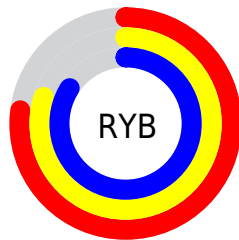
The Yxy color **63.3139, 0.3005, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6082, 0.3260, 0.3325**, and the grayscale version is **62.4835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **32.4568, 0.2976, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **58.7941, 0.2854, 0.3207**, and if you desaturate by 10%, it is **68.2922, 0.3159, 0.3299**.

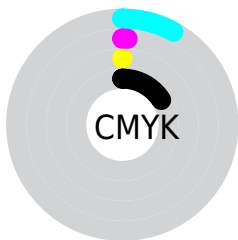
Distribution



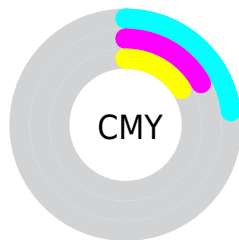
- Red (77%)
- Green (83%)
- Blue (84%)



- Red (77%)
- Yellow (80%)
- Blue (84%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3139, 0.3005, 0.3255 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 63.3139, 0.3005, 0.3255 by changing the saturation by 10% instead.

■ 63.3139, 0.3005,
0.3255

■ 63.3139, 0.3005,
0.3255

436.7078, 0.3063,
0.3272

■ 46.0952, 0.2991,
0.3251

109.6222, 0.3025,
0.3261

■ 32.3210, 0.2975,
0.3246

139.4807, 0.3033,
0.3263

■ 21.6068, 0.2953,
0.3239

174.3211, 0.3040,
0.3265

■ 13.5682, 0.2924,
0.3230

214.5280, 0.3046,
0.3267

■ 7.8210, 0.2884,
0.3217

260.4858, 0.3051,
0.3268

■ 3.9806, 0.2823,
0.3198

312.5787, 0.3055,

■ 1.6627, 0.2723,

0.3270

371.1912, 0.3059,
0.3271

0.3164

0.3993, 0.2093,
0.3003

0.0000, 0.0000,
0.0000

63.3139, 0.3005,
0.3255

63.3139, 0.3005,
0.3255

58.7941, 0.2854,
0.3207

68.2922, 0.3159,
0.3299

54.7074, 0.2710,
0.3155

73.7376, 0.3313,
0.3338

51.0377, 0.2574,
0.3100

78.4789, 0.3420,
0.3374

47.7650, 0.2451,
0.3041

80.4898, 0.3414,
0.3411

■ 44.8671, 0.2343,
0.2980

■ 82.5450, 0.3408,
0.3448

■ 42.3197, 0.2252,
0.2918

■ 84.6448, 0.3403,
0.3485

■ 40.0952, 0.2181,
0.2855

■ 86.7895, 0.3397,
0.3522

■ 38.1612, 0.2129,
0.2792

■ 88.9794, 0.3391,
0.3558

■ 36.4714, 0.2094,
0.2729

■ 91.2147, 0.3385,
0.3594

Harmonies

Analogous

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



63.3139, 0.3038, 0.3314



63.3139, 0.3005, 0.3255



63.3139, 0.3004, 0.3206

Triad

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



63.3139, 0.3005, 0.3255



63.3139, 0.3159, 0.3215



63.3139, 0.3219, 0.3401

Complementary

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



63.3139, 0.3005, 0.3255



59.6082, 0.3260, 0.3325

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.



63.3139, 0.3252, 0.3373



63.3139, 0.3005, 0.3255



63.3139, 0.3217, 0.3266

Square

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



63.3139, 0.3005, 0.3255



63.3139, 0.3092, 0.3184



63.3139, 0.3251, 0.3323



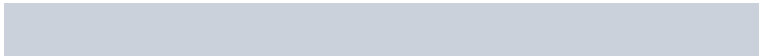
63.3139, 0.3161, 0.3399

Rectangle

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



63.3139, 0.3005, 0.3255



63.3139, 0.3022, 0.3186



63.3139, 0.3251, 0.3323



63.3139, 0.3233, 0.3395

Sweetspot

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



63.3166, 0.3005, 0.3255



98.4783, 0.3096, 0.3281



64.1141, 0.3099, 0.3457



21.0944, 0.3098, 0.3282



0.0000, 0.0000, 0.0000



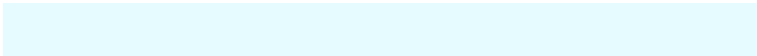
21.4041, 0.3127, 0.3290

Same Dimension

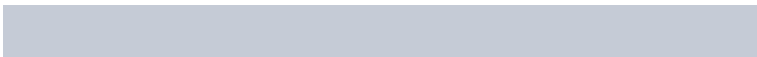
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.3166, 0.3005, 0.3255



92.6706, 0.2972, 0.3245



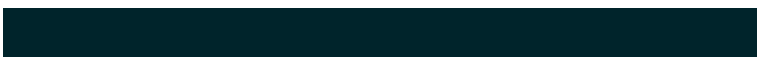
59.2659, 0.3005, 0.3156



13.7215, 0.2983, 0.3248



21.9842, 0.2091, 0.2726



1.4252, 0.2120, 0.2833

Inverse Universe

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



58.9191, 0.3158, 0.3130



84.5121, 0.3167, 0.3086



63.5898, 0.3251, 0.3420



12.5937, 0.3164, 0.3100



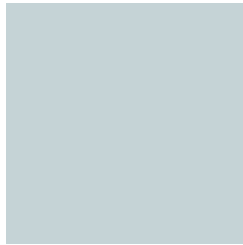
10.5642, 0.3704, 0.1814



0.6472, 0.3604, 0.1759

Previews

White Background



This preview shows how the Yxy color 63.3139, 0.3005, 0.3255 looks on a white background.

Color Contrast Check

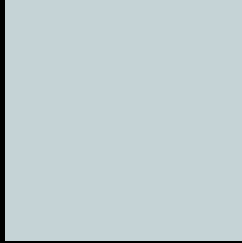
Large Text (above 18pt) WCAG AA × Fail

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 63.3139, 0.3005, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

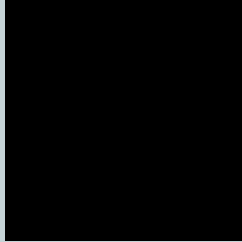
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

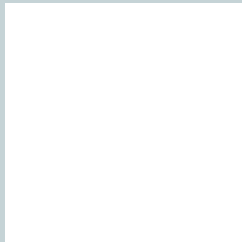
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3139, 0.3005, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 63.3139, 0.3005, 0.3255.

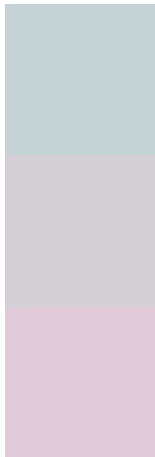


This preview shows how white text looks on a background with the Yxy color 63.3139, 0.3005, 0.3255.

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

63.3139, 0.3005, 0.3255

Protanopia

63.2280, 0.3122, 0.3233

Deuteranopia

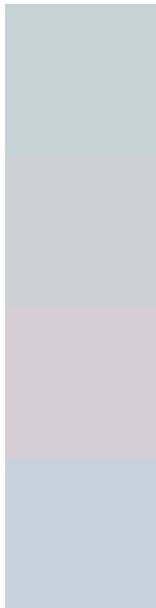
63.2065, 0.3204, 0.3136



Tritanopia

63.2340, 0.2941, 0.3095

Trichromacy



Original Color

63.3139, 0.3005, 0.3255

Protanomaly

63.0377, 0.3078, 0.3232

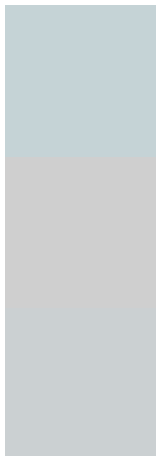
Deuteranomaly

63.0160, 0.3132, 0.3178

Tritanomaly

63.3729, 0.2960, 0.3151

Monochromacy



Original Color

63.3139, 0.3005, 0.3255

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.4614, 0.3076, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3139, 0.3005, 0.3255 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, 211, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 211, 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(197, 211, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 211, 214) }
```

Border

The CSS property to change the border of an element to Yxy 63.3139, 0.3005, 0.3255 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, 211, 214) }
```

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

```
.border{ border-color:rgb(197, 211, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 211, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 211, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 211, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 211,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3139, 0.3005, 0.3255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 211, 214) }
```

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

```
.background{ background-color: rgb(197,  
211, 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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