

Converting Colors

$Yxy(63.2222, 0.3030, 0.3259)$

Have a look what the booklet for
Yxy(63.2222, 0.3030, 0.3259)
contains.

Yxy(63.0394, 0.3026, 0.3255)	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(63.0394, 0.3026, 0.3255)

Conversions

Conversions Part 1

Format	Color
Hex	C7D2D5
RGB	199, 210, 213
RGB Percent	78%, 82%, 84%
CMY	0.2197, 0.1764, 0.1647
CMYK	0.07, 0.01, 0.00, 0.16
HSL	193°, 14%, 81%
HSV	193°, 7%, 84%
XYZ	58.6044, 63.0394, 72.0257
YIQ	207.0530, -7.5190, -1.3990

Conversions

Conversions Part 2

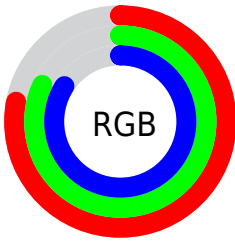
Format	Color
RYB	199, 205, 213
Decimal	13095637
CIELab	83.46, -3.15, -2.78
CIElCh	83, 4.201, 221.343
Yxy	63.0394, 0.3026, 0.3255
Android (android.graphics.Color)	4291285717 (0xFFC7D2D5)
YUV	207.0530, 2.9319, -7.0625
Hunter-Lab	79.3974, -7.1919, 1.7930

Details

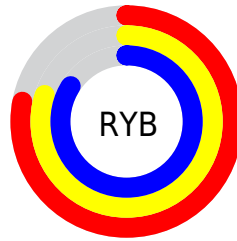
The Yxy color **63.0394, 0.3026, 0.3255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4896, 0.3235, 0.3325**, and the grayscale version is **62.4162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.2653, 0.3003, 0.3259** is the 20% darker color. If you saturate the color by 10%, you get **58.1237, 0.2874, 0.3197**, and if you desaturate by 10%, it is **68.4316, 0.3180, 0.3307**.

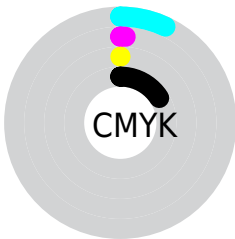
Distribution



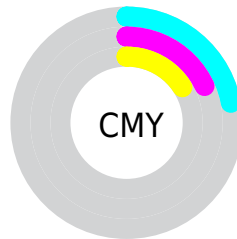
- Red (78%)
- Green (82%)
- Blue (84%)



- Red (78%)
- Yellow (80%)
- Blue (84%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (22%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0394, 0.3026, 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 63.0394, 0.3026, 0.3255 by changing the saturation by 10% instead.

■ 63.0394, 0.3026,
0.3255

■ 63.0394, 0.3026,
0.3255

435.7125, 0.3074,
0.3272

■ 45.8731, 0.3015,
0.3251

109.2264, 0.3043,
0.3261

■ 32.1457, 0.3001,
0.3246

139.0158, 0.3049,
0.3263

■ 21.4728, 0.2983,
0.3239

173.7817, 0.3055,
0.3265

■ 13.4700, 0.2959,
0.3231

213.9085, 0.3060,
0.3267

■ 7.7530, 0.2925,
0.3218

259.7806, 0.3064,
0.3268

■ 3.9373, 0.2874,
0.3199

311.7823, 0.3068,

■ 1.6386, 0.2790,

0.3270

0.3166

370.2982, 0.3071,
0.3271

0.3834, 0.2241,
0.2990

0.0000, 0.0000,
0.0000

63.0394, 0.3026,
0.3255

63.0394, 0.3026,
0.3255

58.1237, 0.2874,
0.3197

68.4316, 0.3180,
0.3307

53.6590, 0.2726,
0.3135

74.3087, 0.3333,
0.3354

49.6296, 0.2586,
0.3067

79.1645, 0.3425,
0.3398

46.0155, 0.2457,
0.2996

81.6273, 0.3418,
0.3443

■ 42.7949, 0.2342,
0.2921

■ 84.1556, 0.3410,
0.3488

■ 39.9439, 0.2244,
0.2844

■ 86.7497, 0.3403,
0.3532

■ 37.4354, 0.2164,
0.2766

■ 89.4101, 0.3396,
0.3576

■ 35.2380, 0.2104,
0.2687

■ 92.1374, 0.3389,
0.3619

■ 33.3114, 0.2063,
0.2610

■ 94.9320, 0.3382,
0.3662

Harmonies

Analogous

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



63.0394, 0.3049, 0.3303



63.0394, 0.3026, 0.3255



63.0394, 0.3029, 0.3218

Triad

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



63.0394, 0.3026, 0.3255



63.0394, 0.3161, 0.3234



63.0394, 0.3196, 0.3382

Complementary

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



63.0394, 0.3026, 0.3255



60.4896, 0.3235, 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.



63.0394, 0.3226, 0.3362



63.0394, 0.3026, 0.3255



63.0394, 0.3206, 0.3277

Square

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



63.0394, 0.3026, 0.3255



63.0394, 0.3107, 0.3206



63.0394, 0.3230, 0.3324



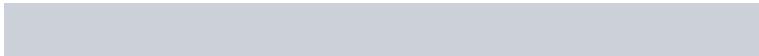
63.0394, 0.3147, 0.3376

Rectangle

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



63.0394, 0.3026, 0.3255



63.0394, 0.3047, 0.3203



63.0394, 0.3230, 0.3324



63.0394, 0.3208, 0.3378

Sweetspot

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



63.0421, 0.3026, 0.3255



98.3552, 0.3096, 0.3280



63.9788, 0.3100, 0.3422



21.0693, 0.3098, 0.3280



0.0000, 0.0000, 0.0000



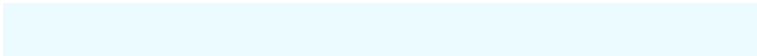
21.4041, 0.3127, 0.3290

Same Dimension

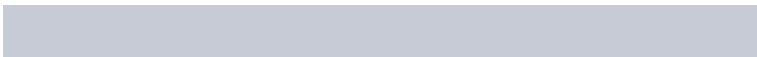
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0421, 0.3026, 0.3255



93.5961, 0.3003, 0.3247



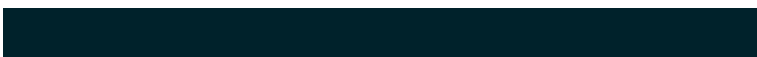
59.7405, 0.3027, 0.3175



13.6384, 0.2982, 0.3239



20.1232, 0.2054, 0.2595



1.3283, 0.2091, 0.2728

Inverse Universe

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



59.6351, 0.3156, 0.3164



87.3915, 0.3163, 0.3135



63.7655, 0.3228, 0.3403



12.5853, 0.3170, 0.3108



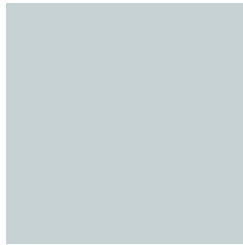
10.3763, 0.3829, 0.1883



0.6374, 0.3701, 0.1813

Previews

White Background



This preview shows how the Yxy color 63.0394, 0.3026, 0.3255 looks on a white background.

Color Contrast Check

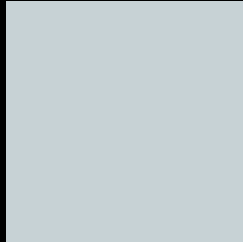
Large Text (above 18pt) WCAG AA × Fail

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 63.0394, 0.3026, 0.3255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

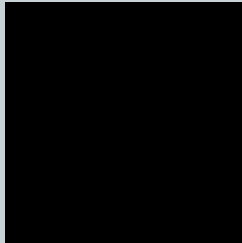
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

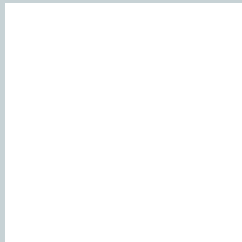
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0394, 0.3026, 0.3255

Background



This preview shows how black text looks on a background with the Yxy color 63.0394, 0.3026, 0.3255.



This preview shows how white text looks on a background with the Yxy color 63.0394, 0.3026, 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

63.0394, 0.3026, 0.3255

Protanopia

63.0304, 0.3122, 0.3244

Deuteranopia

62.6871, 0.3212, 0.3136



Tritanopia

62.9655, 0.2961, 0.3095

Trichromacy



Original Color

63.0394, 0.3026, 0.3255

Protanomaly

62.9870, 0.3085, 0.3244

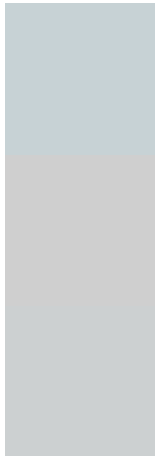
Deuteranomaly

62.6397, 0.3148, 0.3178

Tritanomaly

63.1007, 0.2980, 0.3152

Monochromacy



Original Color

63.0394, 0.3026, 0.3255

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5526, 0.3090, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0394, 0.3026, 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(199, 210, 213)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 213)  
}
```

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(199, 210, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 213) }
```

Border

The CSS property to change the border of an element to Yxy 63.0394, 0.3026, 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(199, 210, 213) }
```

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

```
.border{ border-color:rgb(199, 210, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 210, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 213);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0394, 0.3026, 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(199, 210, 213) }
```

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

```
.background{ background-color: rgb(199,  
210, 213) }
```

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