

Converting Colors

Yxy(63.4552, 0.3026, 0.3172)

Have a look what the booklet for
Yxy(63.4552, 0.3026, 0.3172)
contains.

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Color

Yxy(63.5528, 0.3022, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	CCD1DB
RGB	204, 209, 219
RGB Percent	80%, 82%, 86%
CMY	0.2000, 0.1804, 0.1410
CMYK	0.07, 0.05, 0.00, 0.14
HSL	220°, 17%, 83%
HSV	220°, 7%, 86%
XYZ	60.4903, 63.5528, 76.1232
YIQ	208.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

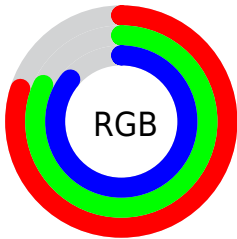
Format	Color
R_{YB}	204, 208, 219
Decimal	13423067
CIE _{Lab}	83.73, 0.20, -5.55
CIE _{LCh}	84, 5.558, 272.083
Yxy	63.5528, 0.3022, 0.3175
Android (android.graphics.Color)	4291613147 (0xFFCCD1DB)
YUV	208.6450, 5.1050, -4.0737
Hunter-Lab	79.7200, -4.0671, -0.8110

Details

The Yxy color **63.5528, 0.3022, 0.3175** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5319, 0.3233, 0.3402**, and the grayscale version is **63.4882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6071, 0.2998, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **53.8328, 0.2860, 0.2990**, and if you desaturate by 10%, it is **74.3706, 0.3173, 0.3339**.

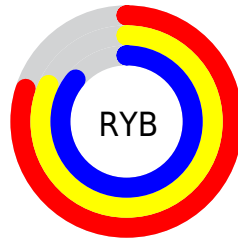
Distribution



Red (80%)

Green (82%)

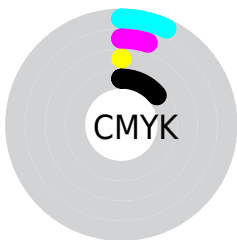
Blue (86%)



Red (80%)

Yellow (82%)

Blue (86%)

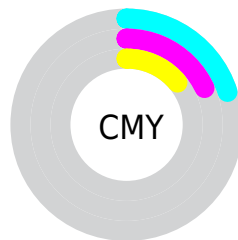


Cyan (7%)

Magenta (5%)

Yellow (0%)

Black (14%)



Cyan (20%)

Magenta (18%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5528, 0.3022, 0.3175 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 63.5528, 0.3022, 0.3175 by changing the saturation by 10% instead.

■ 63.5528, 0.3022,
0.3175

■ 63.5528, 0.3022,
0.3175

437.5729, 0.3072,
0.3230

■ 46.2886, 0.3010,
0.3162

109.9666, 0.3040,
0.3194

■ 32.4736, 0.2996,
0.3146

139.8850, 0.3046,
0.3202

■ 21.7235, 0.2977,
0.3126

174.7903, 0.3052,
0.3208

■ 13.6539, 0.2952,
0.3098

215.0668, 0.3057,
0.3213

■ 7.8803, 0.2917,
0.3060

261.0989, 0.3061,
0.3218

■ 4.0185, 0.2865,
0.3003

313.2710, 0.3065,

■ 1.6839, 0.2778,

0.3222

0.2909

371.9676, 0.3069,
0.3226

0.4132, 0.2411,
0.2506

0.0000, 0.0000,
0.0000

63.5528, 0.3022,
0.3175

63.5528, 0.3022,
0.3175

53.8328, 0.2860,
0.2990

74.3706, 0.3173,
0.3339

45.1669, 0.2688,
0.2784

86.3122, 0.3312,
0.3484

37.5201, 0.2509,
0.2558

96.5165, 0.3342,
0.3620

30.8525, 0.2329,
0.2315

97.8966, 0.3339,
0.3641

■ 25.1210, 0.2154,
0.2061

■ 20.2793, 0.1991,
0.1803

■ 16.2762, 0.1848,
0.1553

■ 13.0544, 0.1733,
0.1321

■ 10.5448, 0.1650,
0.1117

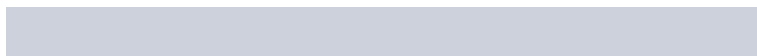
Harmonies

Analogous

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



63.5528, 0.2993, 0.3207



63.5528, 0.3022, 0.3175



63.5528, 0.3079, 0.3174

Triad

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



63.5528, 0.3022, 0.3175



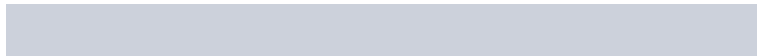
63.5528, 0.3256, 0.3316



63.5528, 0.3104, 0.3380

Complementary

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



63.5528, 0.3022, 0.3175



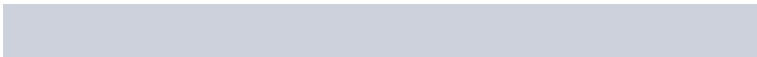
67.5319, 0.3233, 0.3402

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.



63.5528, 0.3174, 0.3410



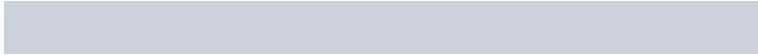
63.5528, 0.3022, 0.3175



63.5528, 0.3263, 0.3372

Square

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



63.5528, 0.3022, 0.3175



63.5528, 0.3215, 0.3254



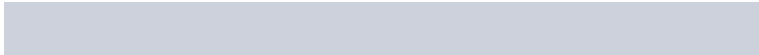
63.5528, 0.3233, 0.3406



63.5528, 0.3040, 0.3326

Rectangle

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



63.5528, 0.3022, 0.3175



63.5528, 0.3126, 0.3190



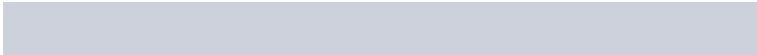
63.5528, 0.3233, 0.3406



63.5528, 0.3128, 0.3393

Sweetspot

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



63.5555, 0.3022, 0.3175



96.8947, 0.3097, 0.3257



68.3762, 0.3053, 0.3347



20.7721, 0.3098, 0.3259



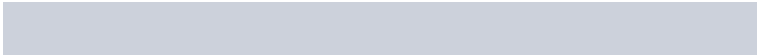
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



63.5555, 0.3022, 0.3175



87.9595, 0.3003, 0.3154



61.4910, 0.3041, 0.3118



13.3224, 0.2981, 0.3130



6.0353, 0.1635, 0.1087



0.5464, 0.1727, 0.1417

Inverse Universe

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



62.8511, 0.3207, 0.3234



86.8224, 0.3222, 0.3224



69.7232, 0.3210, 0.3458



13.1227, 0.3240, 0.3212



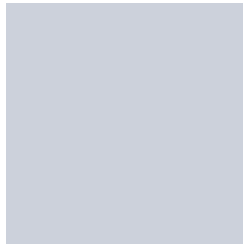
9.2330, 0.5630, 0.2875



0.6138, 0.5169, 0.2621

Previews

White Background



This preview shows how the Yxy color 63.5528, 0.3022, 0.3175 looks on a white background.

Color Contrast Check

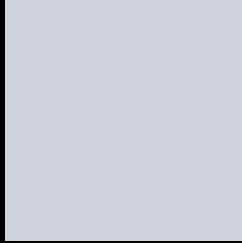
Large Text (above 18pt) WCAG AA × Fail

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 63.5528, 0.3022, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

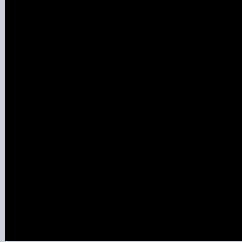
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

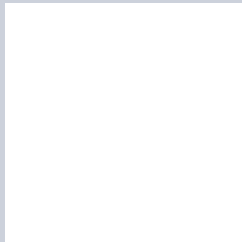
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.5528, 0.3022, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 63.5528, 0.3022, 0.3175.

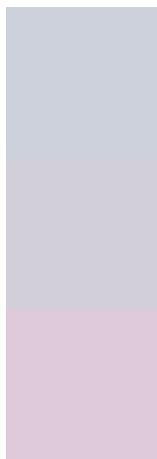


This preview shows how white text looks on a background with the Yxy color 63.5528, 0.3022, 0.3175.

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

63.5528, 0.3022, 0.3175

Protanopia

63.3892, 0.3073, 0.3165

Deuteranopia

63.0963, 0.3159, 0.3092



Tritanopia

63.5271, 0.2990, 0.3097

Trichromacy



Original Color

63.5528, 0.3022, 0.3175

Protanomaly

63.5836, 0.3058, 0.3176

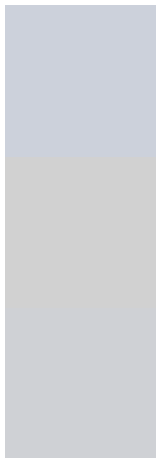
Deuteranomaly

63.4289, 0.3105, 0.3123

Tritanomaly

63.4186, 0.3003, 0.3119

Monochromacy



Original Color

63.5528, 0.3022, 0.3175

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6704, 0.3085, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5528, 0.3022, 0.3175 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(204, 209, 219) looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 219)  
}
```

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(204, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 219) }
```

Border

The CSS property to change the border of an element to Yxy 63.5528, 0.3022, 0.3175 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(204, 209, 219) }
```

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

```
.border{ border-color:rgb(204, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5528, 0.3022, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 219) }
```

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

```
.background{ background-color: rgb(204,  
209, 219) }
```

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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