

Converting Colors

$Yxy(63.0779, 0.3006, 0.3217)$

Have a look what the booklet for
Yxy(63.0779, 0.3006, 0.3217)
contains.

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Color

Yxy(63.1932, 0.3006, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	C7D2D8
RGB	199, 210, 216
RGB Percent	78%, 82%, 85%
CMY	0.2197, 0.1764, 0.1529
CMYK	0.08, 0.03, 0.00, 0.15
HSL	201°, 18%, 81%
HSV	201°, 8%, 85%
XYZ	58.9934, 63.1932, 74.0656
YIQ	207.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

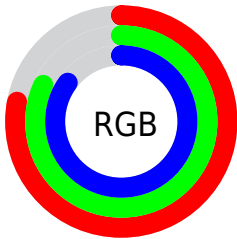
Format	Color
R _Y B	199, 206, 216
Decimal	13095640
CIE Lab	83.54, -2.56, -4.27
CIE LCh	84, 4.976, 239.003
Yxy	63.1932, 0.3006, 0.3220
Android (android.graphics.Color)	4291285720 (0xFFC7D2D8)
YUV	207.3950, 4.2423, -7.3624
Hunter-Lab	79.4942, -6.6481, 0.4048

Details

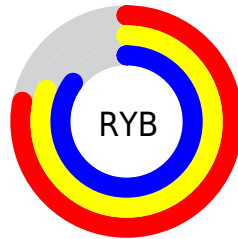
The Yxy color **63.1932, 0.3006, 0.3220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3868, 0.3255, 0.3359**, and the grayscale version is **62.6418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3699, 0.2977, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **56.7719, 0.2851, 0.3123**, and if you desaturate by 10%, it is **70.2187, 0.3159, 0.3308**.

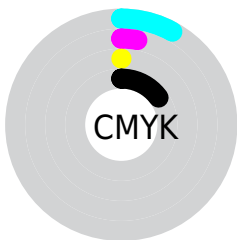
Distribution



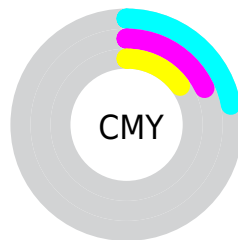
- Red (78%)
- Green (82%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (8%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.1932, 0.3006, 0.3220 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 63.1932, 0.3006, 0.3220 by changing the saturation by 10% instead.

■ 63.1932, 0.3006,
0.3220

■ 63.1932, 0.3006,
0.3220

436.2703, 0.3063,
0.3254

■ 45.9975, 0.2993,
0.3212

109.4482, 0.3026,
0.3232

■ 32.2439, 0.2976,
0.3202

139.2763, 0.3034,
0.3236

■ 21.5478, 0.2954,
0.3189

174.0840, 0.3041,
0.3240

■ 13.5250, 0.2926,
0.3172

214.2557, 0.3046,
0.3244

■ 7.7911, 0.2885,
0.3148

260.1758, 0.3051,
0.3247

■ 3.9616, 0.2825,
0.3111

312.2286, 0.3056,

■ 1.6521, 0.2726,

0.3249

0.3049

370.7987, 0.3060,
0.3251

0.3923, 0.2173,
0.2747

0.0000, 0.0000,
0.0000

63.1932, 0.3006,
0.3220

63.1932, 0.3006,
0.3220

56.7719, 0.2851,
0.3123

70.2187, 0.3159,
0.3308

50.9267, 0.2696,
0.3016

77.8592, 0.3309,
0.3386

45.6390, 0.2545,
0.2900

84.4296, 0.3390,
0.3459

40.8858, 0.2402,
0.2776

88.8376, 0.3378,
0.3533

■ 36.6423, 0.2270,
0.2646

■ 93.4344, 0.3367,
0.3606

■ 32.8812, 0.2154,
0.2512

■ 97.7388, 0.3357,
0.3671

■ 29.5717, 0.2056,
0.2375

■ 26.6782, 0.1979,
0.2239

■ 24.1514, 0.1922,
0.2106

Harmonies

Analogous

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



63.1932, 0.3015, 0.3271



63.1932, 0.3006, 0.3220



63.1932, 0.3029, 0.3189

Triad

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



63.1932, 0.3006, 0.3220



63.1932, 0.3200, 0.3253



63.1932, 0.3176, 0.3398

Complementary

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



63.1932, 0.3006, 0.3220



62.3868, 0.3255, 0.3359

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.



63.1932, 0.3226, 0.3392



63.1932, 0.3006, 0.3220



63.1932, 0.3241, 0.3308

Square

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



63.1932, 0.3006, 0.3220



63.1932, 0.3141, 0.3208



63.1932, 0.3250, 0.3359



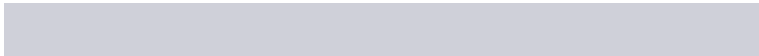
63.1932, 0.3113, 0.3375

Rectangle

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



63.1932, 0.3006, 0.3220



63.1932, 0.3059, 0.3183



63.1932, 0.3250, 0.3359



63.1932, 0.3195, 0.3400

Sweetspot

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



63.1959, 0.3006, 0.3220



97.9023, 0.3096, 0.3273



65.6669, 0.3078, 0.3419



20.9772, 0.3098, 0.3274



0.0000, 0.0000, 0.0000



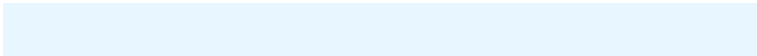
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1959, 0.3006, 0.3220



90.8441, 0.2987, 0.3209



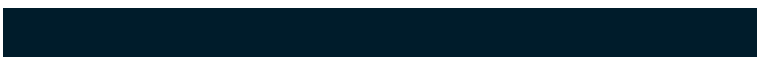
59.1257, 0.3006, 0.3121



13.3359, 0.2982, 0.3206



14.2043, 0.1916, 0.2099



1.0098, 0.1980, 0.2328

Inverse Universe

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



60.0963, 0.3180, 0.3165



85.7106, 0.3189, 0.3146



66.5469, 0.3246, 0.3454



12.5548, 0.3191, 0.3140



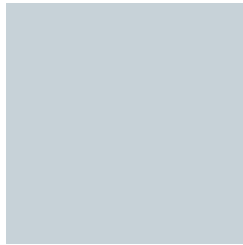
9.7788, 0.4343, 0.2166



0.6053, 0.4097, 0.2031

Previews

White Background



This preview shows how the Yxy color 63.1932, 0.3006, 0.3220 looks on a white background.

Color Contrast Check

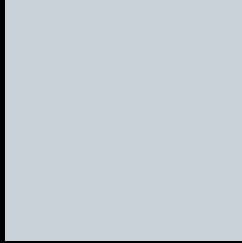
Large Text (above 18pt) WCAG AA × Fail

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 63.1932, 0.3006, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

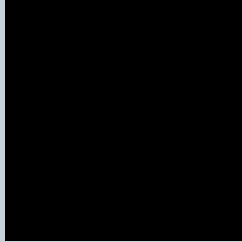
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

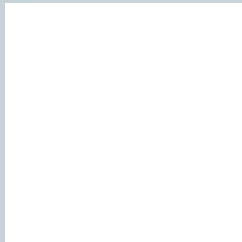
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1932, 0.3006, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 63.1932, 0.3006, 0.3220.



This preview shows how white text looks on a background with the Yxy color 63.1932, 0.3006, 0.3220.

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

63.1932, 0.3006, 0.3220

Protanopia

63.1823, 0.3101, 0.3210

Deuteranopia

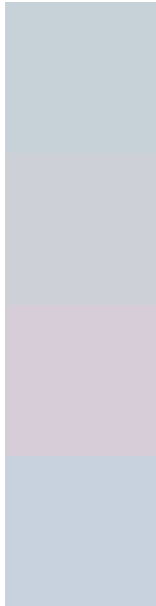
63.1503, 0.3181, 0.3114



Tritanopia

63.4547, 0.2961, 0.3107

Trichromacy



Original Color

63.1932, 0.3006, 0.3220

Protanomaly

63.1399, 0.3064, 0.3210

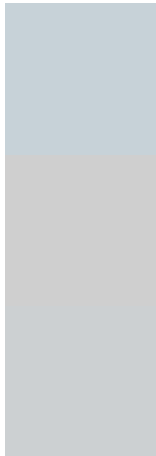
Deuteranomaly

63.1195, 0.3118, 0.3155

Tritanomaly

63.1542, 0.2974, 0.3140

Monochromacy



Original Color

63.1932, 0.3006, 0.3220

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6023, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1932, 0.3006, 0.3220 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 210, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 210, 216) }
```

Border

The CSS property to change the border of an element to Yxy 63.1932, 0.3006, 0.3220 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, 216) }
```

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

```
.border{ border-color:rgb(199, 210, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 210,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1932, 0.3006, 0.3220 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, 216) }
```

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

```
.background{ background-color: rgb(199,  
210, 216) }
```

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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