

Converting Colors

$Yxy(63.3156, 0.3013, 0.3220)$

Have a look what the booklet for
Yxy(63.3156, 0.3013, 0.3220)
contains.

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Color

Yxy(63.3304, 0.3013, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	C8D2D8
RGB	200, 210, 216
RGB Percent	78%, 82%, 85%
CMY	0.2158, 0.1764, 0.1528
CMYK	0.07, 0.03, 0.00, 0.15
HSL	203°, 17%, 82%
HSV	203°, 7%, 85%
XYZ	59.2592, 63.3304, 74.0887
YIQ	207.6940, -7.8860, -0.2540

Conversions

Conversions Part 2

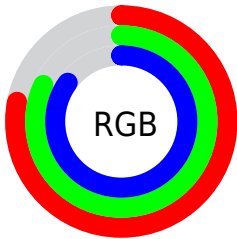
Format	Color
R _Y B	200, 206, 216
Decimal	13161176
CIE Lab	83.62, -2.23, -4.16
CIE LCh	84, 4.722, 241.767
Yxy	63.3304, 0.3013, 0.3220
Android (android.graphics.Color)	4291351256 (0xFFC8D2D8)
YUV	207.6940, 4.0949, -6.7476
Hunter-Lab	79.5804, -6.3465, 0.5078

Details

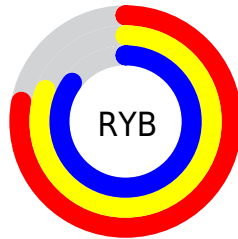
The Yxy color **63.3304, 0.3013, 0.3220** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9173, 0.3247, 0.3359**, and the grayscale version is **62.8453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.4611, 0.2987, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **56.6634, 0.2857, 0.3117**, and if you desaturate by 10%, it is **70.6259, 0.3166, 0.3313**.

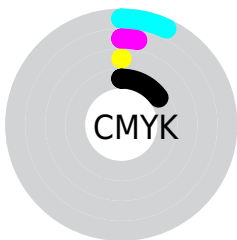
Distribution



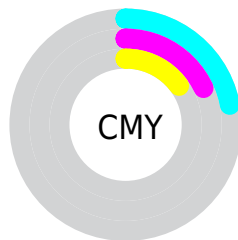
- Red (78%)
- Green (82%)
- Blue (85%)



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



- Cyan (7%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3304, 0.3013, 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 63.3304, 0.3013, 0.3220 by changing the saturation by 10% instead.

■ 63.3304, 0.3013,
0.3220

■ 63.3304, 0.3013,
0.3220

436.7676, 0.3067,
0.3253

■ 46.1086, 0.3000,
0.3212

109.6460, 0.3032,
0.3232

■ 32.3315, 0.2985,
0.3202

139.5086, 0.3039,
0.3236

■ 21.6148, 0.2964,
0.3189

174.3536, 0.3046,
0.3240

■ 13.5742, 0.2937,
0.3172

214.5653, 0.3051,
0.3244

■ 7.8251, 0.2899,
0.3148

260.5281, 0.3056,
0.3247

■ 3.9832, 0.2843,
0.3112

312.6265, 0.3060,

■ 1.6642, 0.2749,

0.3249

0.3050

371.2449, 0.3064,
0.3251

0.4003, 0.2243,
0.2755

0.0000, 0.0000,
0.0000

63.3304, 0.3013,
0.3220

63.3304, 0.3013,
0.3220

56.6634, 0.2857,
0.3117

70.6259, 0.3166,
0.3313

50.5963, 0.2701,
0.3004

78.5612, 0.3314,
0.3396

45.1100, 0.2548,
0.2880

85.2536, 0.3388,
0.3473

40.1812, 0.2402,
0.2748

89.9849, 0.3376,
0.3552

■ 35.7844, 0.2267,
0.2610

■ 94.9302, 0.3364,
0.3629

■ 31.8921, 0.2146,
0.2466

■ 97.7396, 0.3357,
0.3671

■ 28.4729, 0.2044,
0.2320

■ 25.4910, 0.1963,
0.2175

■ 22.8985, 0.1902,
0.2034

Harmonies

Analogous

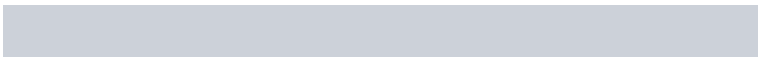
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.3304, 0.3019, 0.3267



63.3304, 0.3013, 0.3220



63.3304, 0.3037, 0.3192

Triad

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



63.3304, 0.3013, 0.3220



63.3304, 0.3201, 0.3259



63.3304, 0.3168, 0.3392

Complementary

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



63.3304, 0.3013, 0.3220



62.9173, 0.3247, 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.



63.3304, 0.3218, 0.3389



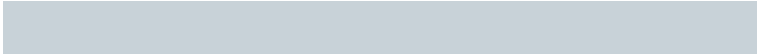
63.3304, 0.3013, 0.3220



63.3304, 0.3237, 0.3312

Square

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



63.3304, 0.3013, 0.3220



63.3304, 0.3146, 0.3215



63.3304, 0.3243, 0.3359



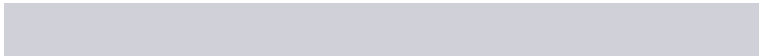
63.3304, 0.3108, 0.3367

Rectangle

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



63.3304, 0.3013, 0.3220



63.3304, 0.3068, 0.3188



63.3304, 0.3243, 0.3359



63.3304, 0.3187, 0.3394

Sweetspot

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



63.3331, 0.3013, 0.3220



97.8304, 0.3096, 0.3272



65.8551, 0.3079, 0.3408



20.9626, 0.3098, 0.3272



0.0000, 0.0000, 0.0000



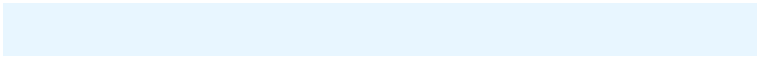
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3331, 0.3013, 0.3220



90.5315, 0.2987, 0.3204



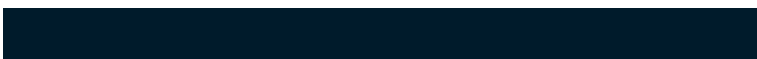
59.5323, 0.3013, 0.3128



13.2882, 0.2982, 0.3200



13.3943, 0.1894, 0.2019



0.9646, 0.1962, 0.2263

Inverse Universe

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



60.5556, 0.3179, 0.3176



85.6790, 0.3192, 0.3151



66.8123, 0.3239, 0.3447



12.5500, 0.3195, 0.3145



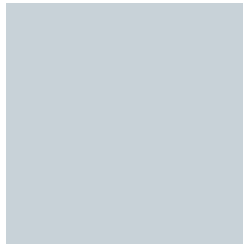
9.6970, 0.4431, 0.2215



0.6007, 0.4165, 0.2068

Previews

White Background



This preview shows how the Yxy color 63.3304, 0.3013, 0.3220 looks on a white background.

Color Contrast Check

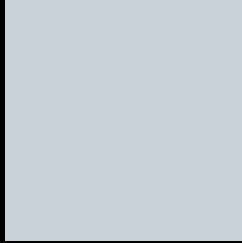
Large Text (above 18pt) WCAG AA × Fail

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 63.3304, 0.3013, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

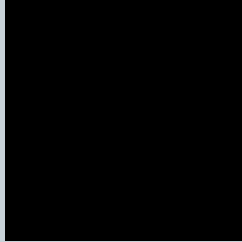
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

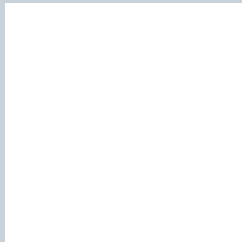
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3304, 0.3013, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 63.3304, 0.3013, 0.3220.

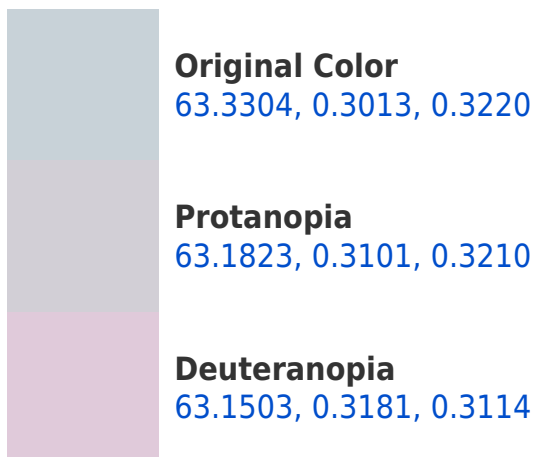


This preview shows how white text looks on a background with the Yxy color 63.3304, 0.3013, 0.3220.

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

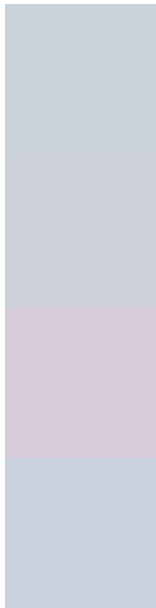




Tritanopia

63.4547, 0.2961, 0.3107

Trichromacy



Original Color

63.3304, 0.3013, 0.3220

Protanomaly

63.1399, 0.3064, 0.3210

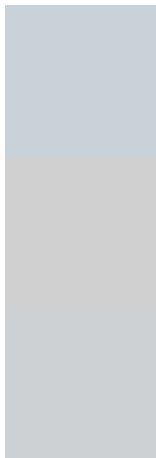
Deuteranomaly

63.1195, 0.3118, 0.3155

Tritanomaly

63.2924, 0.2981, 0.3141

Monochromacy



Original Color

63.3304, 0.3013, 0.3220

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2832, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3304, 0.3013, 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(200, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 210, 216) }
```

Border

The CSS property to change the border of an element to Yxy 63.3304, 0.3013, 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(200, 210, 216) }
```

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

```
.border{ border-color:rgb(200, 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(200, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(200, 210,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3304, 0.3013, 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(200, 210, 216) }
```

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

```
.background{ background-color: rgb(200,  
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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