

Converting Colors

$Yxy(63.8867, 0.3028, 0.3137)$

Have a look what the booklet for
Yxy(63.8867, 0.3028, 0.3137)
contains.

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Color

Yxy(63.6511, 0.3024, 0.3131)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFD0DE |
| RGB | 207, 208, 222 |
| RGB Percent | 81%, 82%, 87% |
| CMY | 0.1882, 0.1843, 0.1293 |
| CMYK | 0.07, 0.06, 0.00, 0.13 |
| HSL | 236°, 19%, 84% |
| HSV | 236°, 7%, 87% |
| XYZ | 61.4759, 63.6511, 78.1662 |
| YIQ | 209.2970, -5.0900, 4.1420 |

Conversions

Conversions Part 2

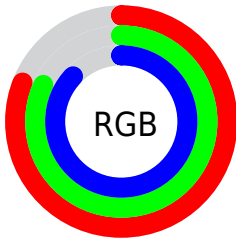
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 207, 208, 222 |
| Decimal | 13619422 |
| CIE Lab | 83.78, 2.30, -7.04 |
| CIE LCh | 84, 7.407, 288.121 |
| Yxy | 63.6511, 0.3024, 0.3131 |
| Android (android.graphics.Color) | 4291809502 (0xFFCFD0DE) |
| YUV | 209.2970, 6.2626, -2.0145 |
| Hunter-Lab | 79.7816, -2.0744, -2.2424 |

Details

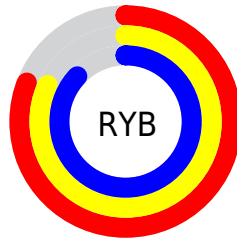
The Yxy color **63.6511, 0.3024, 0.3131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.7644, 0.3228, 0.3444**, and the grayscale version is **63.9279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.6735, 0.3001, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **51.2205, 0.2856, 0.2869**, and if you desaturate by 10%, it is **77.8580, 0.3173, 0.3361**.

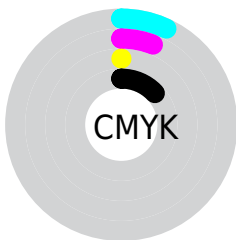
Distribution



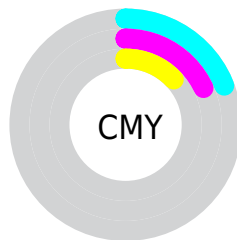
- Red (81%)
- Green (82%)
- Blue (87%)



- Red (81%)
- Yellow (82%)
- Blue (87%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (19%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6511, 0.3024, 0.3131 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 63.6511, 0.3024, 0.3131 by changing the saturation by 10% instead.

■ 63.6511, 0.3024,
0.3131

■ 63.6511, 0.3024,
0.3131

437.9286, 0.3073,
0.3206

■ 46.3681, 0.3012,
0.3114

110.1083, 0.3041,
0.3157

■ 32.5364, 0.2998,
0.3092

140.0514, 0.3048,
0.3167

■ 21.7716, 0.2980,
0.3064

174.9832, 0.3054,
0.3176

■ 13.6891, 0.2955,
0.3027

215.2883, 0.3059,
0.3184

■ 7.9048, 0.2920,
0.2976

261.3510, 0.3063,
0.3190

■ 4.0341, 0.2868,
0.2899

313.5557, 0.3067,

■ 1.6926, 0.2782,

0.3196

0.2775

372.2867, 0.3070,
0.3201

0.4189, 0.2494,
0.2300

0.0000, 0.0000,
0.0000

63.6511, 0.3024,
0.3131

63.6511, 0.3024,
0.3131

51.2205, 0.2856,
0.2869

77.8580, 0.3173,
0.3361

40.4887, 0.2669,
0.2576

93.8987, 0.3305,
0.3561

31.3841, 0.2468,
0.2257

98.0550, 0.3321,
0.3611

23.8274, 0.2259,
0.1920

■ 17.7322, 0.2052,
0.1582

■ 13.0039, 0.1862,
0.1265

■ 9.5366, 0.1704,
0.0993

■ 7.2088, 0.1589,
0.0788

■ 5.8734, 0.1523,
0.0660

Harmonies

Analogous

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



63.6511, 0.2964, 0.3152



63.6511, 0.3024, 0.3131



63.6511, 0.3112, 0.3152

Triad

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



63.6511, 0.3024, 0.3131



63.6511, 0.3311, 0.3366



63.6511, 0.3048, 0.3375

Complementary

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



63.6511, 0.3024, 0.3131



71.7644, 0.3228, 0.3444

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.



63.6511, 0.3140, 0.3434



63.6511, 0.3024, 0.3131



63.6511, 0.3293, 0.3428

Square

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



63.6511, 0.3024, 0.3131



63.6511, 0.3279, 0.3286



63.6511, 0.3230, 0.3453



63.6511, 0.2978, 0.3292

Rectangle

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



63.6511, 0.3024, 0.3131



63.6511, 0.3176, 0.3186



63.6511, 0.3230, 0.3453



63.6511, 0.3077, 0.3398

Sweetspot

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



63.6538, 0.3024, 0.3131



96.0447, 0.3097, 0.3244



70.7411, 0.3029, 0.3301



20.5990, 0.3099, 0.3246



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.



63.6538, 0.3024, 0.3131



84.7772, 0.3003, 0.3099



64.1268, 0.3072, 0.3122



13.3883, 0.2981, 0.3064



3.3873, 0.1512, 0.0644



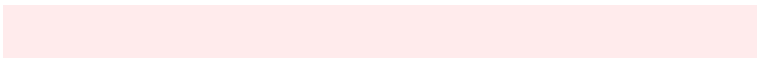
0.2868, 0.1547, 0.0768

Inverse Universe

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



64.7158, 0.3234, 0.3279



86.5012, 0.3257, 0.3277



71.2837, 0.3180, 0.3457



13.7152, 0.3282, 0.3275



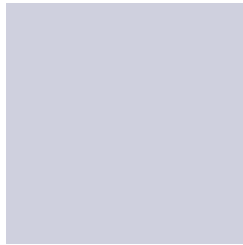
9.2500, 0.6327, 0.3259



0.6464, 0.6121, 0.3146

Previews

White Background



This preview shows how the Yxy color 63.6511, 0.3024, 0.3131 looks on a white background.

Color Contrast Check

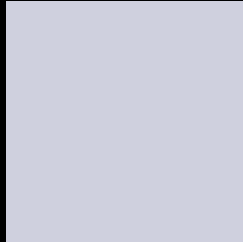
Large Text (above 18pt) WCAG AA × Fail

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 63.6511, 0.3024, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

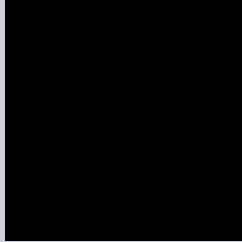
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

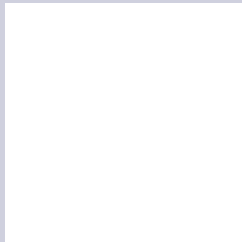
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6511, 0.3024, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 63.6511, 0.3024, 0.3131.

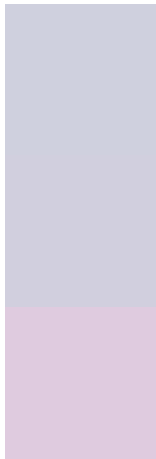


This preview shows how white text looks on a background with the Yxy color 63.6511, 0.3024, 0.3131.

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

63.6511, 0.3024, 0.3131

Protanopia

63.4549, 0.3039, 0.3121

Deuteranopia

63.7276, 0.3137, 0.3071



Tritanopia

63.7590, 0.3011, 0.3109

Trichromacy



Original Color

63.6511, 0.3024, 0.3131

Protanomaly

63.3095, 0.3031, 0.3120

Deuteranomaly

63.7421, 0.3091, 0.3090

Tritanomaly

63.7049, 0.3017, 0.3120

Monochromacy



Original Color

63.6511, 0.3024, 0.3131

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8659, 0.3085, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6511, 0.3024, 0.3131 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(207, 208, 222)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 222)  
}
```

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(207, 208, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 222) }
```

Border

The CSS property to change the border of an element to Yxy 63.6511, 0.3024, 0.3131 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(207, 208, 222) }
```

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

```
.border{ border-color:rgb(207, 208, 222) }
```

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

Here you see how a box with a 4 pixel rgb(207, 208, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 222);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6511, 0.3024, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 222) }
```

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

```
.background{ background-color: rgb(207,  
208, 222) }
```

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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