

Converting Colors

$Yxy(60.7357, 0.3093, 0.3192)$

Have a look what the booklet for
Yxy(60.7357, 0.3093, 0.3192)
contains.

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Color

Yxy(60.7307, 0.3094, 0.3186)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CFCBD4 |
| RGB | 207, 203, 212 |
| RGB Percent | 81%, 80%, 83% |
| CMY | 0.1882, 0.2039, 0.1686 |
| CMYK | 0.02, 0.04, 0.00, 0.17 |
| HSL | 267°, 9%, 81% |
| HSV | 267°, 4%, 83% |
| XYZ | 58.9770, 60.7307, 70.9097 |
| YIQ | 205.2220, -0.5050, 3.6470 |

Conversions

Conversions Part 2

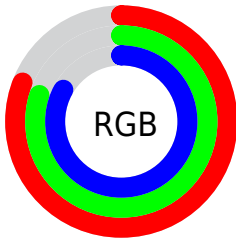
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 207, 203, 212 |
| Decimal | 13618132 |
| CIE Lab | 82.23, 3.05, -3.99 |
| CIE LCh | 82, 5.019, 307.350 |
| Yxy | 60.7307, 0.3094, 0.3186 |
| Android (android.graphics.Color) | 4291808212 (0xFFCFCBD4) |
| YUV | 205.2220, 3.3416, 1.5593 |
| Hunter-Lab | 77.9299, -1.2893, 0.6020 |

Details

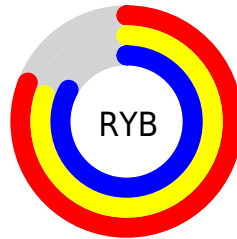
The Yxy color **60.7307, 0.3094, 0.3186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.8144, 0.3159, 0.3394**, and the grayscale version is **61.1810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.7015, 0.3092, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **49.7660, 0.3007, 0.2925**, and if you desaturate by 10%, it is **73.1957, 0.3168, 0.3424**.

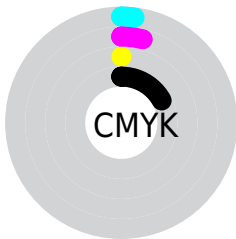
Distribution



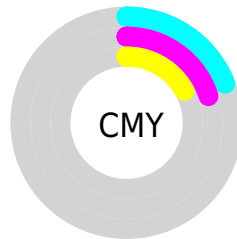
- Red (81%)
- Green (80%)
- Blue (83%)



- Red (81%)
- Yellow (80%)
- Blue (83%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.7307, 0.3094, 0.3186 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 60.7307, 0.3094, 0.3186 by changing the saturation by 10% instead.

■ 60.7307, 0.3094,
0.3186

■ 60.7307, 0.3094,
0.3186

427.2859, 0.3110,
0.3236

■ 44.0079, 0.3090,
0.3174

105.8889, 0.3100,
0.3203

■ 30.6767, 0.3085,
0.3160

135.0931, 0.3102,
0.3210

■ 20.3528, 0.3079,
0.3141

169.2265, 0.3104,
0.3216

■ 12.6517, 0.3071,
0.3116

208.6735, 0.3105,
0.3221

■ 7.1892, 0.3059,
0.3081

253.8186, 0.3107,
0.3225

■ 3.5807, 0.3040,
0.3028

305.0461, 0.3108,

■ 1.4419, 0.3008,

0.3229

0.2939

362.7404, 0.3109,
0.3232

0.2473, 0.2800,
0.2238

0.0000, 0.0000,
0.0000

60.7307, 0.3094,
0.3186

60.7307, 0.3094,
0.3186

49.7660, 0.3007,
0.2925

73.1957, 0.3168,
0.3424

40.2359, 0.2905,
0.2644

87.2080, 0.3231,
0.3638

32.0812, 0.2790,
0.2347

95.1948, 0.3298,
0.3722

25.2356, 0.2662,
0.2042

97.3424, 0.3375,
0.3711

■ 19.6270, 0.2524,
0.1742

■ 97.5342, 0.3382,
0.3711

■ 15.1763, 0.2380,
0.1462

■ 11.7948, 0.2236,
0.1217

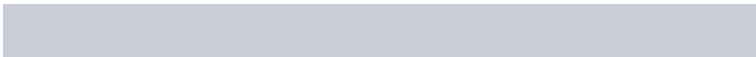
■ 9.3801, 0.2100,
0.1023

■ 7.8085, 0.1977,
0.0886

Harmonies

Analogous

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



60.7307, 0.3038, 0.3182



60.7307, 0.3094, 0.3186



60.7307, 0.3159, 0.3217

Triad

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



60.7307, 0.3094, 0.3186



60.7307, 0.3249, 0.3372



60.7307, 0.3039, 0.3313

Complementary

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



60.7307, 0.3094, 0.3186



64.8144, 0.3159, 0.3394

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.



60.7307, 0.3095, 0.3365



60.7307, 0.3094, 0.3186



60.7307, 0.3216, 0.3399

Square

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



60.7307, 0.3094, 0.3186



60.7307, 0.3249, 0.3324



60.7307, 0.3160, 0.3397



60.7307, 0.3007, 0.3255

Rectangle

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



60.7307, 0.3094, 0.3186



60.7307, 0.3199, 0.3249



60.7307, 0.3160, 0.3397



60.7307, 0.3056, 0.3332

Sweetspot

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



60.7333, 0.3094, 0.3186



98.1169, 0.3119, 0.3266



62.6143, 0.3062, 0.3245



21.0209, 0.3120, 0.3267



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.



60.7333, 0.3094, 0.3186



90.8185, 0.3088, 0.3166



61.3749, 0.3127, 0.3187



13.2235, 0.3083, 0.3151



4.4806, 0.1929, 0.0836



0.3189, 0.2124, 0.0944

Inverse Universe

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



61.2635, 0.3161, 0.3233



91.7722, 0.3167, 0.3222



64.1865, 0.3127, 0.3395



13.3804, 0.3172, 0.3214



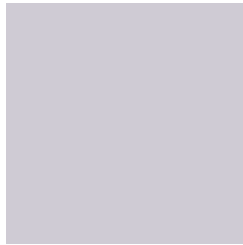
9.4604, 0.4721, 0.2375



0.5872, 0.4389, 0.2192

Previews

White Background



This preview shows how the Yxy color 60.7307, 0.3094, 0.3186 looks on a white background.

Color Contrast Check

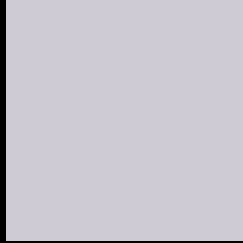
Large Text (above 18pt) WCAG AA × Fail

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 60.7307, 0.3094, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

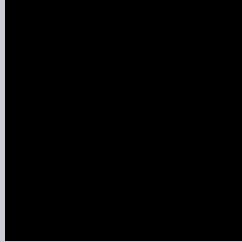
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

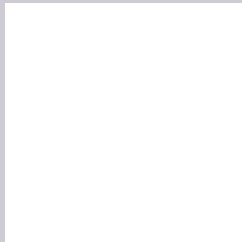
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.7307, 0.3094, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 60.7307, 0.3094, 0.3186.

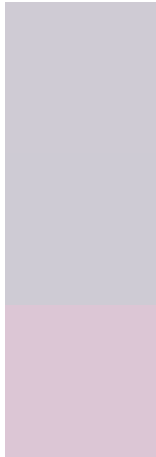


This preview shows how white text looks on a background with the Yxy color 60.7307, 0.3094, 0.3186.

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

60.7307, 0.3094, 0.3186

Protanopia

60.5871, 0.3086, 0.3186

Deuteranopia

60.4079, 0.3190, 0.3122



Tritanopia

60.7129, 0.3060, 0.3107

Trichromacy



Original Color

60.7307, 0.3094, 0.3186

Protanomaly

60.5871, 0.3086, 0.3186

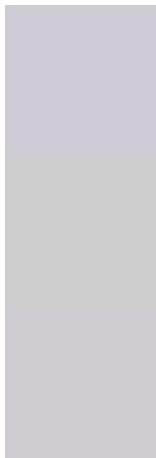
Deuteranomaly

60.5597, 0.3150, 0.3143

Tritanomaly

60.6088, 0.3074, 0.3130

Monochromacy



Original Color

60.7307, 0.3094, 0.3186

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.8616, 0.3114, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7307, 0.3094, 0.3186 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, 203, 212)` looks like.

```
.text, #text, p{  
    color:rgb(207, 203, 212)  
}
```

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, 203, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 203, 212) }
```

Border

The CSS property to change the border of an element to Yxy 60.7307, 0.3094, 0.3186 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, 203, 212) }
```

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

```
.border{ border-color:rgb(207, 203, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 203, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 203, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 203, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 203,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7307, 0.3094, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 203, 212) }
```

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

```
.background{ background-color: rgb(207,  
203, 212) }
```

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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