

Converting Colors

$Yxy(58.5815, 0.3101, 0.3186)$

Have a look what the booklet for
Yxy(58.5815, 0.3101, 0.3186)
contains.

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Color

Yxy(58.7000, 0.3101, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	CCC8D0
RGB	204, 200, 208
RGB Percent	80%, 78%, 82%
CMY	0.1998, 0.2157, 0.1843
CMYK	0.02, 0.04, 0.00, 0.18
HSL	270°, 8%, 80%
HSV	270°, 4%, 82%
XYZ	56.9552, 58.7000, 68.0119
YIQ	202.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

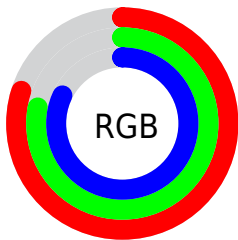
Format	Color
R_{YB}	204, 200, 208
Decimal	13420752
CIE Lab	81.13, 2.89, -3.50
CIE LCh	81, 4.541, 309.488
Yxy	58.7000, 0.3101, 0.3196
Android (android.graphics.Color)	4291610832 (0xFFCCC8D0)
YUV	202.1080, 2.9048, 1.6593
Hunter-Lab	76.6159, -1.3836, 0.9994

Details

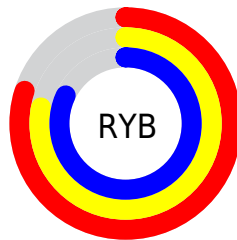
The Yxy color **58.7000, 0.3101, 0.3196** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1172, 0.3153, 0.3384**, and the grayscale version is **59.1219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.3749, 0.3092, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **48.3146, 0.3025, 0.2938**, and if you desaturate by 10%, it is **70.4963, 0.3165, 0.3433**.

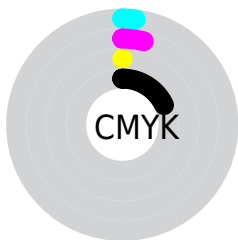
Distribution



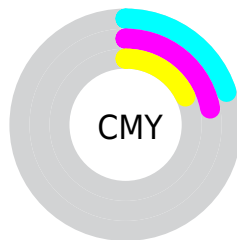
- Red (80%)
- Green (78%)
- Blue (82%)



- Red (80%)
- Yellow (78%)
- Blue (82%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.7000, 0.3101, 0.3196 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 58.7000, 0.3101, 0.3196 by changing the saturation by 10% instead.

■ 58.7000, 0.3101,
0.3196

■ 58.7000, 0.3101,
0.3196

419.7893, 0.3114,
0.3241

■ 42.3717, 0.3098,
0.3185

102.9415, 0.3106,
0.3212

■ 29.3924, 0.3094,
0.3172

131.6235, 0.3107,
0.3218

■ 19.3779, 0.3089,
0.3155

165.1921, 0.3109,
0.3223

■ 11.9436, 0.3082,
0.3131

204.0319, 0.3110,
0.3228

■ 6.7053, 0.3072,
0.3098

248.5270, 0.3111,
0.3232

■ 3.2785, 0.3057,
0.3048

299.0621, 0.3112,

■ 1.2788, 0.3030,

0.3235

0.2963

356.0213, 0.3113,
0.3238

0.1247, 0.2722,
0.1795

0.0000, 0.0000,
0.0000

58.7000, 0.3101,
0.3196

58.7000, 0.3101,
0.3196

48.3146, 0.3025,
0.2938

70.4963, 0.3165,
0.3433

39.2783, 0.2937,
0.2661

83.7475, 0.3219,
0.3647

31.5356, 0.2836,
0.2370

93.6990, 0.3273,
0.3770

25.0241, 0.2723,
0.2074

95.4900, 0.3340,
0.3760

■ 19.6763, 0.2600,
0.1783

■ 97.3348, 0.3406,
0.3750

■ 15.4179, 0.2470,
0.1513

■ 12.1657, 0.2340,
0.1276

■ 9.8238, 0.2213,
0.1087

■ 8.2764, 0.2097,
0.0954

Harmonies

Analogous

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



58.7000, 0.3049, 0.3191



58.7000, 0.3101, 0.3196



58.7000, 0.3161, 0.3226

Triad

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



58.7000, 0.3101, 0.3196



58.7000, 0.3238, 0.3368



58.7000, 0.3043, 0.3307

Complementary

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



58.7000, 0.3101, 0.3196



62.1172, 0.3153, 0.3384

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.



58.7000, 0.3093, 0.3356



58.7000, 0.3101, 0.3196



58.7000, 0.3206, 0.3391

Square

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



58.7000, 0.3101, 0.3196



58.7000, 0.3240, 0.3324



58.7000, 0.3153, 0.3387



58.7000, 0.3016, 0.3254

Rectangle

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



58.7000, 0.3101, 0.3196



58.7000, 0.3196, 0.3256



58.7000, 0.3153, 0.3387



58.7000, 0.3058, 0.3325

Sweetspot

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



58.7025, 0.3101, 0.3196



98.1465, 0.3120, 0.3266



60.0178, 0.3069, 0.3243



21.0269, 0.3121, 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.



58.7025, 0.3101, 0.3196



90.9624, 0.3093, 0.3166



59.2684, 0.3132, 0.3197



12.5915, 0.3088, 0.3151



4.7916, 0.2045, 0.0900



0.3151, 0.2245, 0.1010

Inverse Universe

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



59.0702, 0.3161, 0.3244



91.7231, 0.3172, 0.3230



61.5659, 0.3123, 0.3385



12.7101, 0.3178, 0.3222



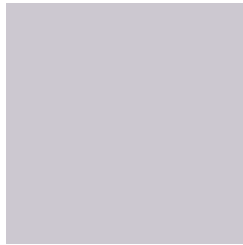
8.9798, 0.4978, 0.2516



0.5181, 0.4567, 0.2290

Previews

White Background



This preview shows how the Yxy color 58.7000, 0.3101, 0.3196 looks on a white background.

Color Contrast Check

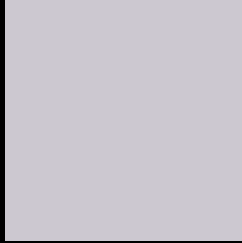
Large Text (above 18pt) WCAG AA × Fail

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 58.7000, 0.3101, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

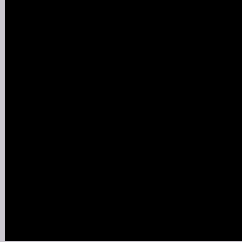
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

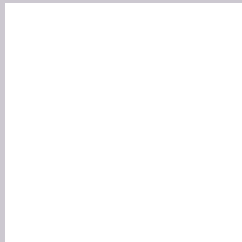
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.7000, 0.3101, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 58.7000, 0.3101, 0.3196.

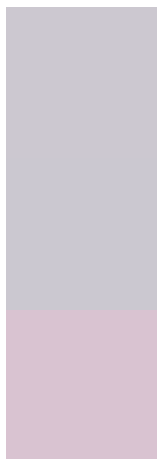


This preview shows how white text looks on a background with the Yxy color 58.7000, 0.3101, 0.3196.

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

58.7000, 0.3101, 0.3196

Protanopia

58.5591, 0.3093, 0.3196

Deuteranopia

58.3854, 0.3198, 0.3131



Tritanopia

58.7323, 0.3059, 0.3105

Trichromacy



Original Color

58.7000, 0.3101, 0.3196

Protanomaly

58.5591, 0.3093, 0.3196

Deuteranomaly

58.5330, 0.3157, 0.3152

Tritanomaly

58.5794, 0.3080, 0.3139

Monochromacy



Original Color

58.7000, 0.3101, 0.3196

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.8294, 0.3121, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7000, 0.3101, 0.3196 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, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(204, 200, 208)  
}
```

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, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 200, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.7000, 0.3101, 0.3196 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, 200, 208) }
```

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

```
.border{ border-color:rgb(204, 200, 208) }
```

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

Here you see how a box with a 4 pixel rgb(204, 200, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 200, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 200, 208);  
box-shadow:4px 4px 4px 4px rgb(204, 200,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7000, 0.3101, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 200, 208) }
```

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

```
.background{ background-color: rgb(204,  
200, 208) }
```

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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