

Converting Colors

$Yxy(60.4555, 0.3097, 0.3206)$

Have a look what the booklet for
Yxy(60.4555, 0.3097, 0.3206)
contains.

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Color

Yxy(60.4868, 0.3100, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	CECBD2
RGB	206, 203, 210
RGB Percent	81%, 80%, 82%
CMY	0.1924, 0.2038, 0.1764
CMYK	0.02, 0.03, 0.00, 0.18
HSL	265°, 7%, 81%
HSV	265°, 3%, 82%
XYZ	58.4322, 60.4868, 69.5721
YIQ	204.6950, -0.4590, 2.8130

Conversions

Conversions Part 2

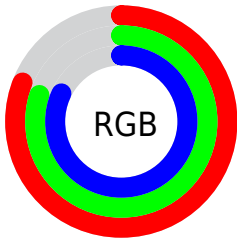
Format	Color
R _{YB}	206, 203, 210
Decimal	13552594
CIE Lab	82.10, 2.30, -3.12
CIE LCh	82, 3.873, 306.343
Yxy	60.4868, 0.3100, 0.3209
Android (android.graphics.Color)	4291742674 (0xFFCECBD2)
YUV	204.6950, 2.6154, 1.1445
Hunter-Lab	77.7733, -1.9934, 1.4034

Details

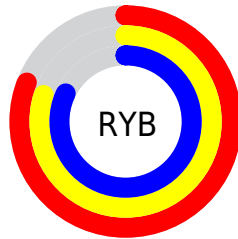
The Yxy color **60.4868, 0.3100, 0.3209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6862, 0.3154, 0.3371**, and the grayscale version is **60.8273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.5706, 0.3092, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **49.5540, 0.3009, 0.2950**, and if you desaturate by 10%, it is **72.9039, 0.3177, 0.3444**.

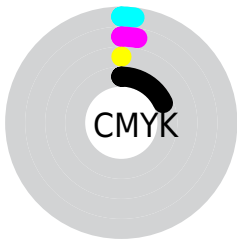
Distribution



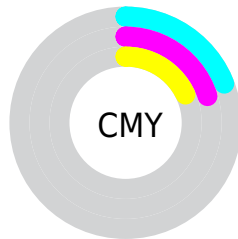
- Red (81%)
- Green (80%)
- Blue (82%)



- Red (81%)
- Yellow (80%)
- Blue (82%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4868, 0.3100, 0.3209 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 60.4868, 0.3100, 0.3209 by changing the saturation by 10% instead.

■ 60.4868, 0.3100,
0.3209

■ 60.4868, 0.3100,
0.3209

426.3898, 0.3113,
0.3248

■ 43.8111, 0.3097,
0.3200

105.5355, 0.3105,
0.3223

■ 30.5221, 0.3093,
0.3188

134.6773, 0.3106,
0.3228

■ 20.2352, 0.3088,
0.3174

168.7433, 0.3108,
0.3232

■ 12.5661, 0.3081,
0.3154

208.1179, 0.3109,
0.3236

■ 7.1305, 0.3071,
0.3126

253.1854, 0.3110,
0.3240

■ 3.5438, 0.3056,
0.3084

304.3303, 0.3111,

■ 1.4218, 0.3030,

0.3243

0.3013

361.9370, 0.3112,
0.3245

0.2327, 0.2825,
0.2371

0.0000, 0.0000,
0.0000

60.4868, 0.3100,
0.3209

60.4868, 0.3100,
0.3209

49.5540, 0.3009,
0.2950

72.9039, 0.3177,
0.3444

40.0409, 0.2904,
0.2669

86.8509, 0.3243,
0.3656

31.8898, 0.2785,
0.2371

95.1462, 0.3312,
0.3742

25.0358, 0.2652,
0.2064

97.3832, 0.3392,
0.3731

■ 19.4088, 0.2508,
0.1759

■ 97.4335, 0.3394,
0.3731

■ 14.9314, 0.2358,
0.1472

■ 11.5176, 0.2209,
0.1219

■ 9.0684, 0.2068,
0.1016

■ 7.4647, 0.1942,
0.0872

Harmonies

Analogous

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



60.4868, 0.3057, 0.3207



60.4868, 0.3100, 0.3209



60.4868, 0.3150, 0.3232

Triad

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



60.4868, 0.3100, 0.3209



60.4868, 0.3222, 0.3353



60.4868, 0.3060, 0.3309

Complementary

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



60.4868, 0.3100, 0.3209



63.6862, 0.3154, 0.3371

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.



60.4868, 0.3104, 0.3349



60.4868, 0.3100, 0.3209



60.4868, 0.3197, 0.3374

Square

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



60.4868, 0.3100, 0.3209



60.4868, 0.3221, 0.3315



60.4868, 0.3154, 0.3373



60.4868, 0.3035, 0.3264

Rectangle

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



60.4868, 0.3100, 0.3209



60.4868, 0.3181, 0.3257



60.4868, 0.3154, 0.3373



60.4868, 0.3073, 0.3324

Sweetspot

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



60.4894, 0.3100, 0.3209



98.1040, 0.3119, 0.3266



62.0250, 0.3076, 0.3256



21.0183, 0.3119, 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.



60.4894, 0.3100, 0.3209



92.5576, 0.3094, 0.3191



60.9922, 0.3126, 0.3210



12.7921, 0.3088, 0.3175



4.1613, 0.1883, 0.0811



0.2788, 0.2093, 0.0927

Inverse Universe

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



60.9328, 0.3152, 0.3243



93.3915, 0.3157, 0.3233



63.1908, 0.3128, 0.3371



12.9274, 0.3163, 0.3224



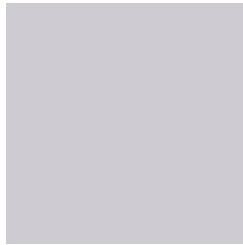
9.2348, 0.4608, 0.2312



0.5320, 0.4283, 0.2133

Previews

White Background



This preview shows how the Yxy color 60.4868, 0.3100, 0.3209 looks on a white background.

Color Contrast Check

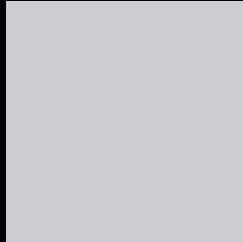
Large Text (above 18pt) WCAG AA × Fail

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 60.4868, 0.3100, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

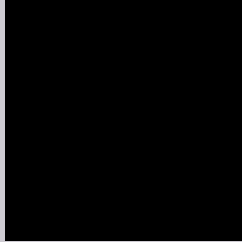
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

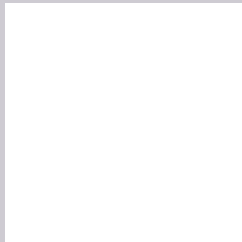
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4868, 0.3100, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 60.4868, 0.3100, 0.3209.

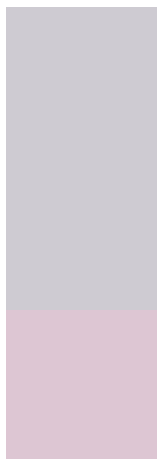


This preview shows how white text looks on a background with the Yxy color 60.4868, 0.3100, 0.3209.

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

60.4868, 0.3100, 0.3209

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

60.4635, 0.3213, 0.3145



Tritanopia

60.5684, 0.3052, 0.3107

Trichromacy



Original Color

60.4868, 0.3100, 0.3209

Protanomaly

60.4868, 0.3100, 0.3209

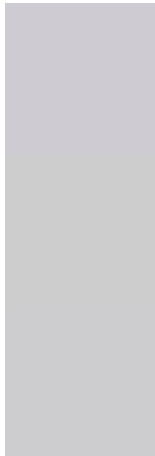
Deuteranomaly

60.6106, 0.3172, 0.3166

Tritanomaly

60.4128, 0.3073, 0.3141

Monochromacy



Original Color

60.4868, 0.3100, 0.3209

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.6699, 0.3114, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4868, 0.3100, 0.3209 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(206, 203, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 203, 210)  
}
```

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(206, 203, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 203, 210) }
```

Border

The CSS property to change the border of an element to Yxy 60.4868, 0.3100, 0.3209 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(206, 203, 210) }
```

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

```
.border{ border-color:rgb(206, 203, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 203, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 203, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 203, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 203,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4868, 0.3100, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 203, 210) }
```

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

```
.background{ background-color: rgb(206,  
203, 210) }
```

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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