

Converting Colors

$Y_{xy}(58.8575, 0.3112, 0.3193)$

Have a look what the booklet for
Yxy(58.8575, 0.3112, 0.3193)
contains.

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Color

Yxy(58.9844, 0.3116, 0.3197)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CEC8D0 |
| RGB | 206, 200, 208 |
| RGB Percent | 81%, 78%, 82% |
| CMY | 0.1922, 0.2157, 0.1843 |
| CMYK | 0.01, 0.04, 0.00, 0.18 |
| HSL | 285°, 8%, 80% |
| HSV | 285°, 4%, 82% |
| XYZ | 57.4900, 58.9844, 68.0249 |
| YIQ | 202.7060, 1.0080, 3.7600 |

Conversions

Conversions Part 2

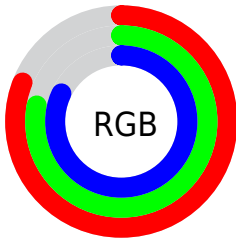
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 206, 200, 208 |
| Decimal | 13551824 |
| CIE Lab | 81.28, 3.53, -3.25 |
| CIE LCh | 81, 4.794, 317.388 |
| Yxy | 58.9844, 0.3116, 0.3197 |
| Android (android.graphics.Color) | 4291741904 (0xFFCEC8D0) |
| YUV | 202.7060, 2.6099, 2.8888 |
| Hunter-Lab | 76.8013, -0.7853, 1.2463 |

Details

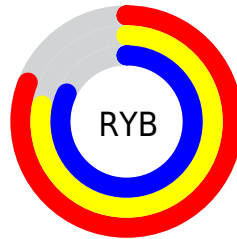
The Yxy color **58.9844, 0.3116, 0.3197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8378, 0.3138, 0.3384**, and the grayscale version is **59.5102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **29.5663, 0.3112, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **49.2637, 0.3083, 0.2945**, and if you desaturate by 10%, it is **70.0456, 0.3143, 0.3434**.

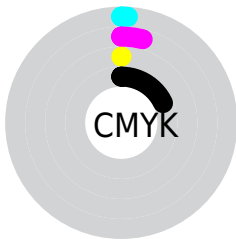
Distribution



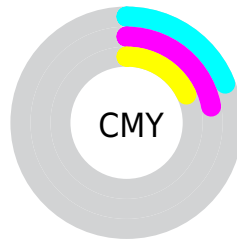
- Red (81%)
- Green (78%)
- Blue (82%)



- Red (81%)
- Yellow (78%)
- Blue (82%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.9844, 0.3116, 0.3197 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 58.9844, 0.3116, 0.3197 by changing the saturation by 10% instead.

■ 58.9844, 0.3116,
0.3197

■ 58.9844, 0.3116,
0.3197

420.8441, 0.3122,
0.3242

■ 42.6006, 0.3115,
0.3186

103.3550, 0.3118,
0.3213

■ 29.5718, 0.3113,
0.3173

132.1105, 0.3119,
0.3219

■ 19.5138, 0.3111,
0.3156

165.7588, 0.3119,
0.3224

■ 12.0421, 0.3108,
0.3133

204.6841, 0.3120,
0.3228

■ 6.7724, 0.3103,
0.3101

249.2709, 0.3120,
0.3232

■ 3.3202, 0.3096,
0.3052

299.9036, 0.3121,

■ 1.3011, 0.3083,

0.3236

0.2968

356.9665, 0.3121,
0.3239

0.1420, 0.2969,
0.1907

0.0000, 0.0000,
0.0000

58.9844, 0.3116,
0.3197

58.9844, 0.3116,
0.3197

49.2637, 0.3083,
0.2945

70.0456, 0.3143,
0.3434

40.8232, 0.3043,
0.2681

82.4894, 0.3165,
0.3654

33.6089, 0.2996,
0.2413

91.5482, 0.3189,
0.3783

27.5604, 0.2943,
0.2148

92.3836, 0.3222,
0.3778

■ 22.6117, 0.2883,
0.1897

■ 93.2448, 0.3256,
0.3773

■ 18.6905, 0.2819,
0.1671

■ 94.1319, 0.3289,
0.3768

■ 15.7155, 0.2751,
0.1482

■ 95.0451, 0.3323,
0.3763

■ 13.5928, 0.2683,
0.1336

■ 95.9848, 0.3358,
0.3758

■ 12.2087, 0.2617,
0.1237

■ 96.9510, 0.3392,
0.3753

Harmonies

Analogous

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



58.9844, 0.3058, 0.3184



58.9844, 0.3116, 0.3197



58.9844, 0.3178, 0.3234

Triad

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



58.9844, 0.3116, 0.3197



58.9844, 0.3238, 0.3381



58.9844, 0.3029, 0.3293

Complementary

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



58.9844, 0.3116, 0.3197



61.8378, 0.3138, 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.



58.9844, 0.3076, 0.3347



58.9844, 0.3116, 0.3197



58.9844, 0.3197, 0.3398

Square

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



58.9844, 0.3116, 0.3197



58.9844, 0.3249, 0.3340



58.9844, 0.3138, 0.3386



58.9844, 0.3007, 0.3239

Rectangle

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



58.9844, 0.3116, 0.3197



58.9844, 0.3213, 0.3268



58.9844, 0.3138, 0.3386



58.9844, 0.3042, 0.3312

Sweetspot

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



58.9869, 0.3116, 0.3197



98.2626, 0.3124, 0.3266



59.1404, 0.3069, 0.3221



21.0506, 0.3124, 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.



58.9869, 0.3116, 0.3197



91.5313, 0.3112, 0.3167



59.1844, 0.3145, 0.3219



12.6801, 0.3110, 0.3152



7.2786, 0.2586, 0.1198



0.4432, 0.2705, 0.1264

Inverse Universe

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



58.9867, 0.3175, 0.3267



91.5333, 0.3191, 0.3259



61.6477, 0.3110, 0.3362



12.6806, 0.3199, 0.3256



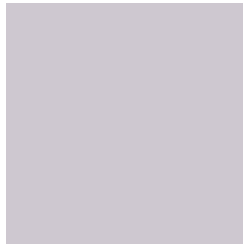
8.5267, 0.5911, 0.3030



0.4898, 0.5377, 0.2736

Previews

White Background



This preview shows how the Yxy color 58.9844, 0.3116, 0.3197 looks on a white background.

Color Contrast Check

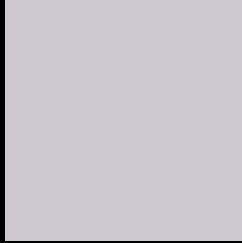
Large Text (above 18pt) WCAG AA × Fail

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 58.9844, 0.3116, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

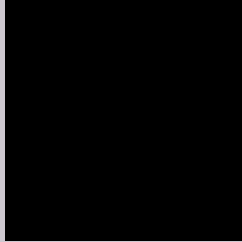
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

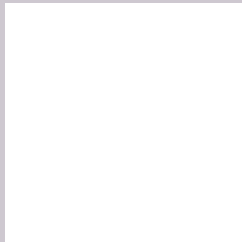
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9844, 0.3116, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 58.9844, 0.3116, 0.3197.

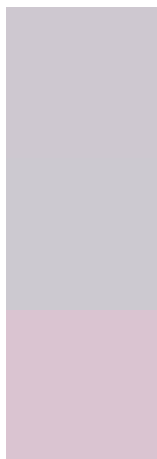


This preview shows how white text looks on a background with the Yxy color 58.9844, 0.3116, 0.3197.

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

58.9844, 0.3116, 0.3197

Protanopia

59.1647, 0.3100, 0.3208

Deuteranopia

58.9887, 0.3205, 0.3143



Tritanopia

59.0185, 0.3074, 0.3106

Trichromacy



Original Color

58.9844, 0.3116, 0.3197

Protanomaly

59.3065, 0.3108, 0.3208

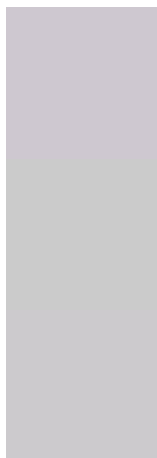
Deuteranomaly

58.8321, 0.3173, 0.3153

Tritanomaly

58.8657, 0.3095, 0.3140

Monochromacy



Original Color

58.9844, 0.3116, 0.3197

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4862, 0.3121, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9844, 0.3116, 0.3197 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, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.9844, 0.3116, 0.3197 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, 200, 208) }
```

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

```
.border{ border-color:rgb(206, 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(206, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9844, 0.3116, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 208) }
```

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

```
.background{ background-color: rgb(206,  
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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