

Converting Colors

$Y_{xy}(59.0331, 0.3231, 0.3180)$

Have a look what the booklet for
Yxy(59.0331, 0.3231, 0.3180)
contains.

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Color

Yxy(58.8415, 0.3228, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	DAC4CE
RGB	218, 196, 206
RGB Percent	85%, 77%, 81%
CMY	0.1452, 0.2313, 0.1922
CMYK	0.00, 0.10, 0.06, 0.15
HSL	333°, 23%, 81%
HSV	333°, 10%, 85%
XYZ	59.7861, 58.8415, 66.5833
YIQ	203.7180, 9.9020, 7.7740

Conversions

Conversions Part 2

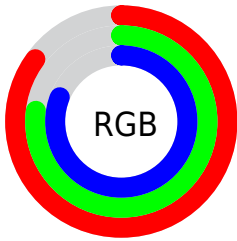
Format	Color
R _Y B	218, 196, 206
Decimal	14337230
CIE Lab	81.20, 9.42, -2.16
CIE LCh	81, 9.669, 347.062
Yxy	58.8415, 0.3228, 0.3177
Android (android.graphics.Color)	4292527310 (0xFFDAC4CE)
YUV	203.7180, 1.1250, 12.5253
Hunter-Lab	76.7082, 4.8828, 2.2316

Details

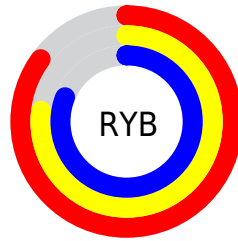
The Yxy color **58.8415, 0.3228, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4234, 0.3037, 0.3406**, and the grayscale version is **60.1835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.3995, 0.3252, 0.3140** is the 20% darker color. If you saturate the color by 10%, you get **49.1564, 0.3349, 0.3059**, and if you desaturate by 10%, it is **70.0042, 0.3128, 0.3289**.

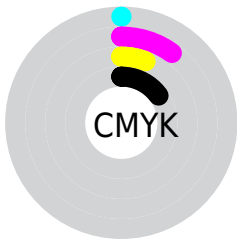
Distribution



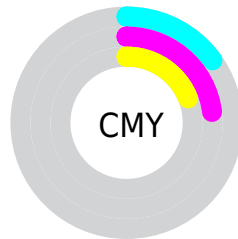
- Red (85%)
- Green (77%)
- Blue (81%)



- Red (85%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8415, 0.3228, 0.3177 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 58.8415, 0.3228, 0.3177 by changing the saturation by 10% instead.

■ 58.8415, 0.3228,
0.3177

■ 58.8415, 0.3228,
0.3177

■ 420.3143, 0.3180,
0.3231

■ 42.4855, 0.3239,
0.3164

■ 103.1473, 0.3211,
0.3196

■ 29.4817, 0.3254,
0.3148

■ 131.8659, 0.3204,
0.3203

■ 19.4455, 0.3272,
0.3128

■ 165.4741, 0.3199,
0.3210

■ 11.9926, 0.3297,
0.3100

■ 204.3565, 0.3194,
0.3215

■ 6.7387, 0.3333,
0.3061

■ 248.8972, 0.3190,
0.3220

■ 3.2992, 0.3387,
0.3002

■ 299.4809, 0.3186,

■ 1.2899, 0.3479,

0.3224

0.2903

356.4918, 0.3183,
0.3228

0.1333, 0.4535,
0.1695

0.0000, 0.0000,
0.0000

58.8415, 0.3228,
0.3177

58.8415, 0.3228,
0.3177

49.1564, 0.3349,
0.3059

70.0042, 0.3128,
0.3289

40.8790, 0.3496,
0.2937

82.6953, 0.3045,
0.3394

33.9449, 0.3670,
0.2815

92.8152, 0.2977,
0.3426

28.2820, 0.3875,
0.2702

93.5533, 0.2913,
0.3303

■ 23.8112, 0.4110,
0.2607

■ 93.6418, 0.2906,
0.3289

■ 20.4444, 0.4370,
0.2542

■ 18.0813, 0.4646,
0.2520

■ 16.6026, 0.4921,
0.2550

■ 15.8001, 0.5181,
0.2628

Harmonies

Analogous

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



58.8415, 0.3102, 0.3104



58.8415, 0.3228, 0.3177



58.8415, 0.3328, 0.3280

Triad

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



58.8415, 0.3228, 0.3177



58.8415, 0.3268, 0.3509



58.8415, 0.2887, 0.3186

Complementary

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



58.8415, 0.3228, 0.3177



66.4234, 0.3037, 0.3406

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.



58.8415, 0.2930, 0.3296



58.8415, 0.3228, 0.3177



58.8415, 0.3148, 0.3486

Square

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



58.8415, 0.3228, 0.3177



58.8415, 0.3351, 0.3472



58.8415, 0.3025, 0.3407



58.8415, 0.2907, 0.3107

Rectangle

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



58.8415, 0.3228, 0.3177



58.8415, 0.3365, 0.3352



58.8415, 0.3025, 0.3407



58.8415, 0.2895, 0.3220

Sweetspot

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



58.8441, 0.3228, 0.3177



94.9495, 0.3155, 0.3257



57.9185, 0.3059, 0.3038



20.0414, 0.3163, 0.3248



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.



58.8441, 0.3228, 0.3177



80.9760, 0.3251, 0.3153



58.7063, 0.3303, 0.3299



13.1492, 0.3221, 0.3184



9.4893, 0.5145, 0.2608



0.6320, 0.4749, 0.2390

Inverse Universe

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



58.8441, 0.3228, 0.3177



80.9760, 0.3251, 0.3153



66.5505, 0.2973, 0.3281



13.1492, 0.3221, 0.3184



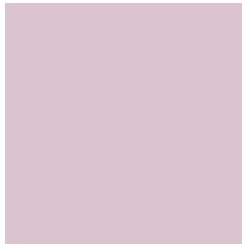
9.4893, 0.5145, 0.2608



0.6320, 0.4749, 0.2390

Previews

White Background



This preview shows how the Yxy color 58.8415, 0.3228, 0.3177 looks on a white background.

Color Contrast Check

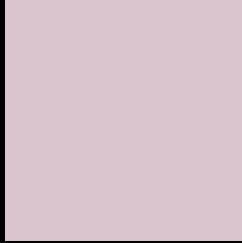
Large Text (above 18pt) WCAG AA × Fail

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 58.8415, 0.3228, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

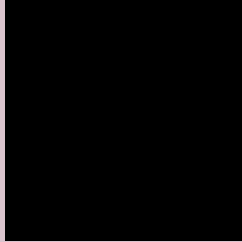
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8415, 0.3228, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 58.8415, 0.3228, 0.3177.



This preview shows how white text looks on a background with the Yxy color 58.8415, 0.3228, 0.3177.

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

58.8415, 0.3228, 0.3177

Protanopia

59.0732, 0.3085, 0.3196

Deuteranopia

58.9962, 0.3236, 0.3177



Tritanopia

58.7934, 0.3199, 0.3110

Trichromacy



Original Color

58.8415, 0.3228, 0.3177

Protanomaly

58.8108, 0.3132, 0.3186

Deuteranomaly

58.9962, 0.3236, 0.3177

Tritanomaly

58.6937, 0.3214, 0.3132

Monochromacy



Original Color

58.8415, 0.3228, 0.3177

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7364, 0.3160, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8415, 0.3228, 0.3177 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(218, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(218, 196, 206)  
}
```

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(218, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 196, 206) }
```

Border

The CSS property to change the border of an element to Yxy 58.8415, 0.3228, 0.3177 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(218, 196, 206) }
```

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

```
.border{ border-color:rgb(218, 196, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 196, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(218, 196,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8415, 0.3228, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 196, 206) }
```

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

```
.background{ background-color: rgb(218,  
196, 206) }
```

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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