

Converting Colors

$Y_{xy}(58.2279, 0.3182, 0.3209)$

Have a look what the booklet for
Yxy(58.2279, 0.3182, 0.3209)
contains.

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Color

Yxy(58.1410, 0.3186, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5CC
RGB	211, 197, 204
RGB Percent	83%, 77%, 80%
CMY	0.1727, 0.2274, 0.1999
CMYK	0.00, 0.07, 0.03, 0.17
HSL	330°, 14%, 80%
HSV	330°, 7%, 83%
XYZ	57.7243, 58.1410, 65.3158
YIQ	201.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

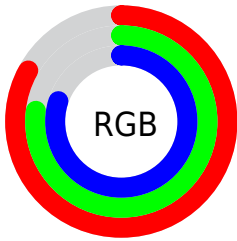
Format	Color
R _Y B	211, 197, 204
Decimal	13878732
CIE Lab	80.82, 6.11, -1.75
CIE LCh	81, 6.355, 344.032
Yxy	58.1410, 0.3186, 0.3209
Android (android.graphics.Color)	4292068812 (0xFFD3C5CC)
YUV	201.9840, 0.9939, 7.9070
Hunter-Lab	76.2502, 1.6932, 2.5875

Details

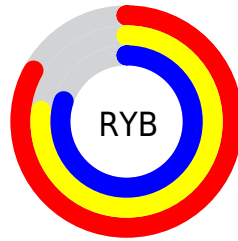
The Yxy color **58.1410, 0.3186, 0.3209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.8044, 0.3072, 0.3372**, and the grayscale version is **59.0428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.9148, 0.3196, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **48.7351, 0.3290, 0.3081**, and if you desaturate by 10%, it is **68.9268, 0.3100, 0.3330**.

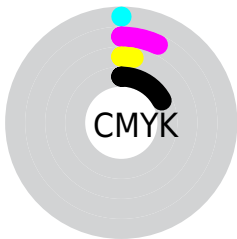
Distribution



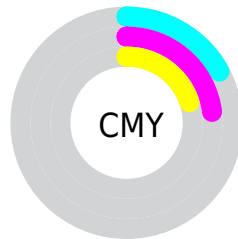
- Red (83%)
- Green (77%)
- Blue (80%)



- Red (83%)
- Yellow (77%)
- Blue (80%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1410, 0.3186, 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 58.1410, 0.3186, 0.3209 by changing the saturation by 10% instead.

■ 58.1410, 0.3186,
0.3209

■ 58.1410, 0.3186,
0.3209

417.7111, 0.3158,
0.3248

■ 41.9220, 0.3193,
0.3200

102.1282, 0.3176,
0.3223

■ 29.0402, 0.3201,
0.3188

130.6651, 0.3172,
0.3228

■ 19.1113, 0.3212,
0.3173

164.0769, 0.3169,
0.3233

■ 11.7507, 0.3227,
0.3153

202.7478, 0.3166,
0.3236

■ 6.5742, 0.3248,
0.3124

247.0623, 0.3164,
0.3240

■ 3.1972, 0.3280,
0.3081

297.4047, 0.3161,

■ 1.2356, 0.3335,

0.3243

0.3006

354.1596, 0.3160,
0.3246

0.0905, 0.4304,
0.1656

0.0000, 0.0000,
0.0000

58.1410, 0.3186,
0.3209

58.1410, 0.3186,
0.3209

48.7351, 0.3290,
0.3081

68.9268, 0.3100,
0.3330

40.6456, 0.3415,
0.2948

81.1377, 0.3029,
0.3443

33.8150, 0.3564,
0.2813

91.3949, 0.2969,
0.3493

28.1787, 0.3739,
0.2685

92.0226, 0.2913,
0.3382

■ 23.6664, 0.3939,
0.2571

■ 92.5846, 0.2866,
0.3289

■ 20.2003, 0.4163,
0.2483

■ 17.6924, 0.4404,
0.2433

■ 16.0403, 0.4651,
0.2433

■ 15.1124, 0.4891,
0.2487

Harmonies

Analogous

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



58.1410, 0.3103, 0.3163



58.1410, 0.3186, 0.3209



58.1410, 0.3254, 0.3276

Triad

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



58.1410, 0.3186, 0.3209



58.1410, 0.3227, 0.3433



58.1410, 0.2969, 0.3229

Complementary

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



58.1410, 0.3186, 0.3209



62.8044, 0.3072, 0.3372

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.



58.1410, 0.3002, 0.3302



58.1410, 0.3186, 0.3209



58.1410, 0.3150, 0.3422

Square

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



58.1410, 0.3186, 0.3209



58.1410, 0.3278, 0.3406



58.1410, 0.3068, 0.3373



58.1410, 0.2978, 0.3173

Rectangle

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



58.1410, 0.3186, 0.3209



58.1410, 0.3281, 0.3325



58.1410, 0.3068, 0.3373



58.1410, 0.2976, 0.3252

Sweetspot

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



58.1435, 0.3186, 0.3209



96.6265, 0.3144, 0.3266



57.4436, 0.3079, 0.3127



20.7174, 0.3143, 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.



58.1435, 0.3186, 0.3209



87.0303, 0.3200, 0.3191



57.8256, 0.3237, 0.3288



11.9058, 0.3213, 0.3174



9.0047, 0.4938, 0.2494



0.5195, 0.4536, 0.2273

Inverse Universe

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



58.1435, 0.3186, 0.3209



87.0303, 0.3200, 0.3191



63.1363, 0.3027, 0.3292



11.9058, 0.3213, 0.3174



9.0047, 0.4938, 0.2494



0.5195, 0.4536, 0.2273

Previews

White Background



This preview shows how the Yxy color 58.1410, 0.3186, 0.3209 looks on a white background.

Color Contrast Check

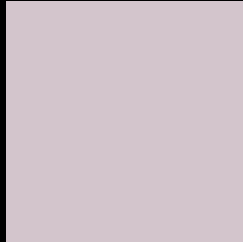
Large Text (above 18pt) WCAG AA × Fail

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 58.1410, 0.3186, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

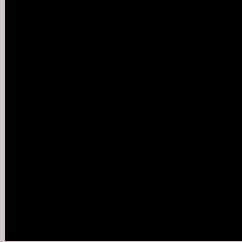
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

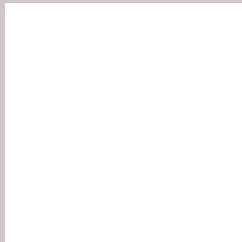
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1410, 0.3186, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 58.1410, 0.3186, 0.3209.



This preview shows how white text looks on a background with the Yxy color 58.1410, 0.3186, 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

58.1410, 0.3186, 0.3209

Protanopia

58.4613, 0.3107, 0.3219

Deuteranopia

57.8968, 0.3238, 0.3165



Tritanopia

58.1801, 0.3143, 0.3118

Trichromacy



Original Color

58.1410, 0.3186, 0.3209

Protanomaly

58.3764, 0.3138, 0.3220

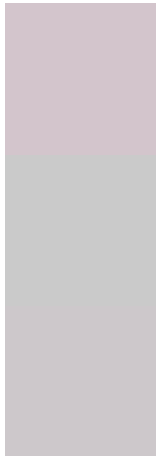
Deuteranomaly

57.8851, 0.3212, 0.3175

Tritanomaly

58.0310, 0.3165, 0.3152

Monochromacy



Original Color

58.1410, 0.3186, 0.3209

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.5995, 0.3144, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1410, 0.3186, 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(211, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 204)  
}
```

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(211, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 204) }
```

Border

The CSS property to change the border of an element to Yxy 58.1410, 0.3186, 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(211, 197, 204) }
```

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

```
.border{ border-color:rgb(211, 197, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1410, 0.3186, 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(211, 197, 204) }
```

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

```
.background{ background-color: rgb(211,  
197, 204) }
```

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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