

Converting Colors

$Yxy(58.1037, 0.3181, 0.3194)$

Have a look what the booklet for
Yxy(58.1037, 0.3181, 0.3194)
contains.

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Color

Yxy(58.1892, 0.3179, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5CD
RGB	211, 197, 205
RGB Percent	83%, 77%, 80%
CMY	0.1726, 0.2274, 0.1962
CMYK	0.00, 0.07, 0.03, 0.17
HSL	326°, 14%, 80%
HSV	326°, 7%, 83%
XYZ	57.8435, 58.1892, 65.9223
YIQ	202.0980, 5.7760, 5.4560

Conversions

Conversions Part 2

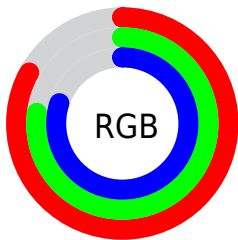
Format	Color
RYP	211, 197, 205
Decimal	13878733
CIELab	80.84, 6.29, -2.22
CIElCh	81, 6.667, 340.526
Yxy	58.1892, 0.3179, 0.3198
Android (android.graphics.Color)	4292068813 (0xFFD3C5CD)
YUV	202.0980, 1.4307, 7.8071
Hunter-Lab	76.2818, 1.8609, 2.1593

Details

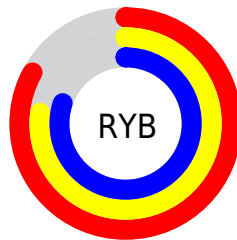
The Yxy color **58.1892, 0.3179, 0.3198** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.7664, 0.3078, 0.3384**, and the grayscale version is **59.1147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.9472, 0.3186, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **48.8446, 0.3270, 0.3053**, and if you desaturate by 10%, it is **68.9053, 0.3103, 0.3335**.

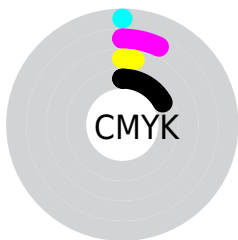
Distribution



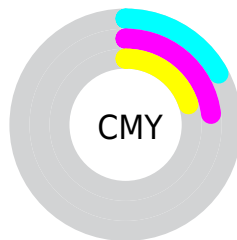
- Red (83%)
- Green (77%)
- Blue (80%)



- 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 58.1892, 0.3179, 0.3198 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 58.1892, 0.3179, 0.3198 by changing the saturation by 10% instead.

■ 58.1892, 0.3179,
0.3198

■ 58.1892, 0.3179,
0.3198

417.8906, 0.3154,
0.3242

■ 41.9608, 0.3185,
0.3188

102.1983, 0.3170,
0.3214

■ 29.0706, 0.3192,
0.3174

130.7478, 0.3167,
0.3220

■ 19.1342, 0.3202,
0.3157

164.1731, 0.3164,
0.3225

■ 11.7673, 0.3215,
0.3135

202.8586, 0.3162,
0.3229

■ 6.5854, 0.3233,
0.3102

247.1887, 0.3159,
0.3233

■ 3.2042, 0.3261,
0.3053

297.5478, 0.3157,

■ 1.2393, 0.3308,

0.3236

0.2970

354.3203, 0.3156,
0.3239

0.0934, 0.4087,
0.1576

0.0000, 0.0000,
0.0000

58.1892, 0.3179,
0.3198

58.1892, 0.3179,
0.3198

48.8446, 0.3270,
0.3053

68.9053, 0.3103,
0.3335

40.8082, 0.3379,
0.2903

81.0378, 0.3040,
0.3464

34.0226, 0.3507,
0.2752

91.2049, 0.2988,
0.3529

28.4238, 0.3655,
0.2607

91.7350, 0.2938,
0.3432

■ 23.9414, 0.3824,
0.2478

■ 92.2921, 0.2890,
0.3337

■ 20.4980, 0.4011,
0.2375

■ 92.5867, 0.2866,
0.3289

■ 18.0060, 0.4211,
0.2311

■ 16.3631, 0.4415,
0.2296

■ 15.4379, 0.4614,
0.2333

Harmonies

Analogous

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



58.1892, 0.3091, 0.3153



58.1892, 0.3179, 0.3198



58.1892, 0.3254, 0.3267

Triad

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



58.1892, 0.3179, 0.3198



58.1892, 0.3240, 0.3439



58.1892, 0.2963, 0.3234

Complementary

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



58.1892, 0.3179, 0.3198



62.7664, 0.3078, 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.



58.1892, 0.3002, 0.3312



58.1892, 0.3179, 0.3198



58.1892, 0.3161, 0.3432

Square

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



58.1892, 0.3179, 0.3198



58.1892, 0.3289, 0.3406



58.1892, 0.3074, 0.3385



58.1892, 0.2968, 0.3173

Rectangle

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



58.1892, 0.3179, 0.3198



58.1892, 0.3285, 0.3318



58.1892, 0.3074, 0.3385



58.1892, 0.2972, 0.3259

Sweetspot

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



58.1917, 0.3179, 0.3198



96.6485, 0.3142, 0.3262



57.3143, 0.3071, 0.3126



20.7219, 0.3142, 0.3264



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.



58.1917, 0.3179, 0.3198



87.1153, 0.3191, 0.3177



57.8707, 0.3230, 0.3277



11.9195, 0.3203, 0.3158



9.2000, 0.4653, 0.2337



0.5302, 0.4318, 0.2152

Inverse Universe

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



58.1917, 0.3179, 0.3198



87.1153, 0.3191, 0.3177



63.0975, 0.3033, 0.3303



11.9195, 0.3203, 0.3158



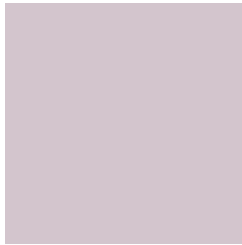
9.2000, 0.4653, 0.2337



0.5302, 0.4318, 0.2152

Previews

White Background



This preview shows how the Yxy color 58.1892, 0.3179, 0.3198 looks on a white background.

Color Contrast Check

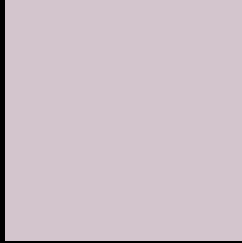
Large Text (above 18pt) WCAG AA × Fail

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 58.1892, 0.3179, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

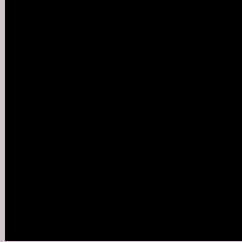
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

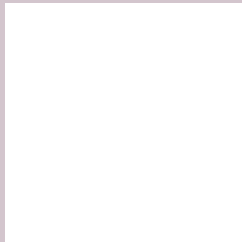
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1892, 0.3179, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 58.1892, 0.3179, 0.3198.



This preview shows how white text looks on a background with the Yxy color 58.1892, 0.3179, 0.3198.

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

58.1892, 0.3179, 0.3198

Protanopia

58.5101, 0.3100, 0.3208

Deuteranopia

58.3434, 0.3237, 0.3176



Tritanopia

58.1801, 0.3143, 0.3118

Trichromacy



Original Color

58.1892, 0.3179, 0.3198

Protanomaly

58.4249, 0.3131, 0.3208

Deuteranomaly

58.3347, 0.3212, 0.3187

Tritanomaly

58.0804, 0.3158, 0.3141

Monochromacy



Original Color

58.1892, 0.3179, 0.3198

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 58.1892, 0.3179, 0.3198 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 205) }
```

Border

The CSS property to change the border of an element to Yxy 58.1892, 0.3179, 0.3198 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, 205) }
```

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

```
.border{ border-color:rgb(211, 197, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 205);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1892, 0.3179, 0.3198 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, 205) }
```

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

```
.background{ background-color: rgb(211,  
197, 205) }
```

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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