

Converting Colors

$Y_{xy}(58.6160, 0.3117, 0.2951)$

Have a look what the booklet for
Yxy(58.6160, 0.3117, 0.2951)
contains.

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Color

Yxy(58.6833, 0.3119, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	DCC1DF
RGB	220, 193, 223
RGB Percent	86%, 76%, 87%
CMY	0.1373, 0.2431, 0.1255
CMYK	0.01, 0.13, 0.00, 0.13
HSL	294°, 32%, 82%
HSV	294°, 13%, 87%
XYZ	61.8983, 58.6833, 77.8739
YIQ	204.4930, 6.4620, 15.0540

Conversions

Conversions Part 2

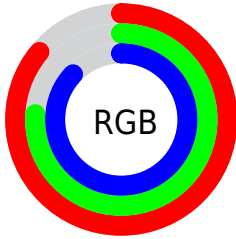
Format	Color
R_{YB}	220, 193, 223
Decimal	14467551
CIE _{Lab}	81.12, 14.79, -11.41
CIE _{LCh}	81, 18.679, 322.333
Yxy	58.6833, 0.3119, 0.2957
Android (android.graphics.Color)	4292657631 (0xFFDCC1DF)
YUV	204.4930, 9.1240, 13.5996
Hunter-Lab	76.6050, 10.1725, -6.6486

Details

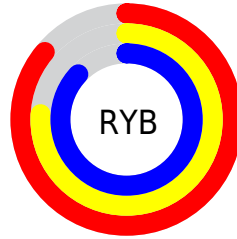
The Yxy color **58.6833, 0.3119, 0.2957** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.3655, 0.3132, 0.3642**, and the grayscale version is **60.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.2917, 0.3115, 0.2868** is the 20% darker color. If you saturate the color by 10%, you get **49.2094, 0.3110, 0.2701**, and if you desaturate by 10%, it is **69.6535, 0.3125, 0.3207**.

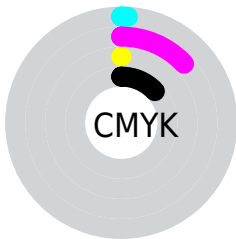
Distribution



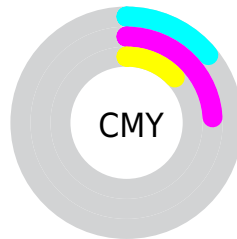
- Red (86%)
- Green (76%)
- Blue (87%)



- Red (86%)
- Yellow (76%)
- Blue (87%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (13%)




- Cyan (14%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6833, 0.3119, 0.2957 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 58.6833, 0.3119, 0.2957 by changing the saturation by 10% instead.


 58.6833, 0.3119,
0.2957

 58.6833, 0.3119,
0.2957


419.7273, 0.3125,
0.3113

 42.3582, 0.3117,
0.2921


 102.9172, 0.3121,
0.3012

 29.3819, 0.3115,
0.2876


131.5949, 0.3122,
0.3033

 19.3699, 0.3111,
0.2819


165.1589, 0.3123,
0.3051

 11.9379, 0.3106,
0.2743

203.9935, 0.3123,
0.3066

 6.7014, 0.3097,
0.2639

248.4833, 0.3124,
0.3080

 3.2761, 0.3082,
0.2487

299.0126, 0.3124,

 1.2775, 0.3050,

0.3092

0.2244

355.9658, 0.3124,
0.3103

0.1237, 0.3118,
0.0806

0.0000, 0.0000,
0.0000

58.6833, 0.3119,
0.2957

58.6833, 0.3119,
0.2957

49.2094, 0.3110,
0.2701

69.6535, 0.3125,
0.3207

41.1579, 0.3098,
0.2445

82.1747, 0.3130,
0.3444

34.4600, 0.3083,
0.2199

93.1326, 0.3135,
0.3619

29.0381, 0.3065,
0.1973

93.4998, 0.3149,
0.3618

■ 24.8067, 0.3044,
0.1776

■ 93.8718, 0.3163,
0.3616

■ 21.6701, 0.3021,
0.1617

■ 94.2486, 0.3177,
0.3615

■ 19.5175, 0.2996,
0.1501

■ 94.6303, 0.3191,
0.3614

■ 18.2147, 0.2971,
0.1430

■ 95.0168, 0.3206,
0.3612

■ 17.6793, 0.2954,
0.1401

■ 95.4081, 0.3220,
0.3611

Harmonies

Analogous

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



58.6833, 0.2888, 0.2889



58.6833, 0.3119, 0.2957



58.6833, 0.3361, 0.3105

Triad

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



58.6833, 0.3119, 0.2957



58.6833, 0.3539, 0.3658



58.6833, 0.2728, 0.3256

Complementary

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



58.6833, 0.3119, 0.2957



68.3655, 0.3132, 0.3642

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.



58.6833, 0.2891, 0.3483



58.6833, 0.3119, 0.2957



58.6833, 0.3359, 0.3720

Square

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



58.6833, 0.3119, 0.2957



58.6833, 0.3608, 0.3502



58.6833, 0.3121, 0.3657



58.6833, 0.2669, 0.3050

Rectangle

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



58.6833, 0.3119, 0.2957



58.6833, 0.3492, 0.3233



58.6833, 0.3121, 0.3657



58.6833, 0.2772, 0.3333

Sweetspot

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



58.6858, 0.3119, 0.2957



93.4694, 0.3125, 0.3192



56.3784, 0.2914, 0.2978



19.7516, 0.3125, 0.3174



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.



58.6858, 0.3119, 0.2957



75.9029, 0.3117, 0.2889



58.5624, 0.3229, 0.3084



13.8618, 0.3122, 0.3058



10.4239, 0.2958, 0.1403



0.7431, 0.2999, 0.1426

Inverse Universe

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



57.8211, 0.3349, 0.3256



74.5327, 0.3402, 0.3249



68.4974, 0.3037, 0.3506



13.7229, 0.3276, 0.3267



9.2671, 0.6279, 0.3233



0.6501, 0.5988, 0.3072

Previews

White Background



This preview shows how the Yxy color 58.6833, 0.3119, 0.2957 looks on a white background.

Color Contrast Check

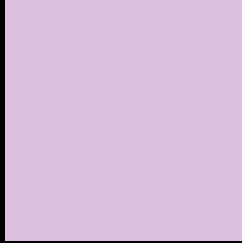
Large Text (above 18pt) WCAG AA × Fail

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 58.6833, 0.3119, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

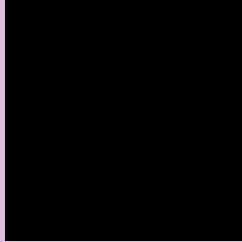
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.6833, 0.3119, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 58.6833, 0.3119, 0.2957.



This preview shows how white text looks on a background with the Yxy color 58.6833, 0.3119, 0.2957.

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

58.6833, 0.3119, 0.2957

Protanopia

58.7249, 0.2917, 0.2977

Deuteranopia

58.7508, 0.3063, 0.2996



Tritanopia

58.5888, 0.3199, 0.3120

Trichromacy



Original Color

58.6833, 0.3119, 0.2957

Protanomaly

58.4026, 0.2982, 0.2959

Deuteranomaly

58.7512, 0.3087, 0.2987

Tritanomaly

58.5499, 0.3170, 0.3054

Monochromacy



Original Color

58.6833, 0.3119, 0.2957

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.7133, 0.3125, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6833, 0.3119, 0.2957 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(220, 193, 223)` looks like.

```
.text, #text, p{  
    color:rgb(220, 193, 223)  
}
```

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(220, 193, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 193, 223) }
```

Border

The CSS property to change the border of an element to Yxy 58.6833, 0.3119, 0.2957 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(220, 193, 223) }
```

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

```
.border{ border-color:rgb(220, 193, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 193, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 193, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 193, 223);  
box-shadow:4px 4px 4px 4px rgb(220, 193,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6833, 0.3119, 0.2957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 193, 223) }
```

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

```
.background{ background-color: rgb(220,  
193, 223) }
```

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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