

Converting Colors

$Y_{xy}(59.9830, 0.3110, 0.2991)$

Have a look what the booklet for
Yxy(59.9830, 0.3110, 0.2991)
contains.

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Color

Yxy(59.8676, 0.3110, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	DBC4DF
RGB	219, 196, 223
RGB Percent	86%, 77%, 87%
CMY	0.1412, 0.2313, 0.1255
CMYK	0.02, 0.12, 0.00, 0.13
HSL	291°, 30%, 82%
HSV	291°, 12%, 87%
XYZ	62.2703, 59.8676, 78.0882
YIQ	205.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

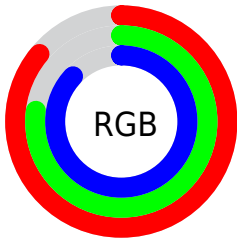
Format	Color
R _Y B	219, 196, 223
Decimal	14402783
CIE Lab	81.77, 12.86, -10.46
CIE LCh	82, 16.572, 320.868
Yxy	59.8676, 0.3110, 0.2990
Android (android.graphics.Color)	4292592863 (0xFFDBC4DF)
YUV	205.9550, 8.4032, 11.4405
Hunter-Lab	77.3742, 8.2511, -5.6752

Details

The Yxy color **59.8676, 0.3110, 0.2990** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.0465, 0.3141, 0.3603**, and the grayscale version is **61.6349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **30.0657, 0.3103, 0.2911** is the 20% darker color. If you saturate the color by 10%, you get **50.0366, 0.3092, 0.2732**, and if you desaturate by 10%, it is **71.2093, 0.3125, 0.3239**.

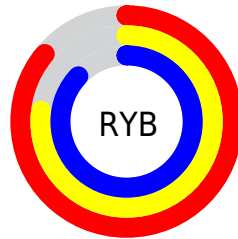
Distribution



Red (86%)

Green (77%)

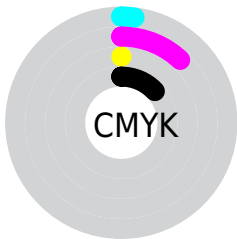
Blue (87%)



Red (86%)

Yellow (77%)

Blue (87%)

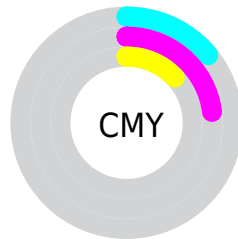


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (13%)



Cyan (14%)

Magenta (23%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.8676, 0.3110, 0.2990 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 59.8676, 0.3110, 0.2990 by changing the saturation by 10% instead.

■ 59.8676, 0.3110,
0.2990

■ 59.8676, 0.3110,
0.2990

■ 424.1096, 0.3120,
0.3131

■ 43.3119, 0.3107,
0.2957

■ 104.6376, 0.3114,
0.3039

■ 30.1299, 0.3104,
0.2917

■ 133.6207, 0.3115,
0.3058

■ 19.9372, 0.3099,
0.2866

■ 167.5150, 0.3116,
0.3074

■ 12.3494, 0.3092,
0.2798

■ 206.7051, 0.3117,
0.3089

■ 6.9821, 0.3082,
0.2704

■ 251.5751, 0.3118,
0.3101

■ 3.4509, 0.3064,
0.2567

■ 302.5096, 0.3118,

■ 1.3714, 0.3030,

0.3112

0.2347

359.8930, 0.3119,
0.3122

0.1955, 0.3048,
0.1193

0.0000, 0.0000,
0.0000

59.8676, 0.3110,
0.2990

59.8676, 0.3110,
0.2990

50.0366, 0.3092,
0.2732

71.2093, 0.3125,
0.3239

41.6426, 0.3069,
0.2472

84.1156, 0.3136,
0.3475

34.6177, 0.3042,
0.2218

93.4962, 0.3149,
0.3618

28.8852, 0.3011,
0.1980

94.0468, 0.3169,
0.3616

■ 24.3606, 0.2977,
0.1769

■ 94.6080, 0.3190,
0.3614

■ 20.9498, 0.2940,
0.1594

■ 95.1797, 0.3212,
0.3612

■ 18.5443, 0.2901,
0.1463

■ 95.7620, 0.3233,
0.3609

■ 17.0138, 0.2862,
0.1376

■ 96.3550, 0.3254,
0.3607

■ 16.2540, 0.2831,
0.1333

■ 96.9586, 0.3276,
0.3605

Harmonies

Analogous

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



59.8676, 0.2908, 0.2934



59.8676, 0.3110, 0.2990



59.8676, 0.3323, 0.3119

Triad

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



59.8676, 0.3110, 0.2990



59.8676, 0.3496, 0.3610



59.8676, 0.2779, 0.3271

Complementary

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



59.8676, 0.3110, 0.2990



69.0465, 0.3141, 0.3603

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.



59.8676, 0.2928, 0.3469



59.8676, 0.3110, 0.2990



59.8676, 0.3342, 0.3668

Square

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



59.8676, 0.3110, 0.2990



59.8676, 0.3551, 0.3471



59.8676, 0.3133, 0.3617



59.8676, 0.2721, 0.3087

Rectangle

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



59.8676, 0.3110, 0.2990



59.8676, 0.3442, 0.3232



59.8676, 0.3133, 0.3617



59.8676, 0.2820, 0.3339

Sweetspot

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



59.8702, 0.3110, 0.2990



93.3773, 0.3122, 0.3192



58.4004, 0.2937, 0.3022



19.7282, 0.3121, 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.



59.8702, 0.3110, 0.2990



76.9138, 0.3105, 0.2913



60.0049, 0.3211, 0.3095



13.8270, 0.3114, 0.3057



9.5958, 0.2837, 0.1337



0.6936, 0.2898, 0.1370

Inverse Universe

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



59.3438, 0.3314, 0.3245



76.0544, 0.3369, 0.3234



68.9448, 0.3052, 0.3493



13.7336, 0.3269, 0.3255



9.2996, 0.6190, 0.3184



0.6552, 0.5815, 0.2977

Previews

White Background



This preview shows how the Yxy color 59.8676, 0.3110, 0.2990 looks on a white background.

Color Contrast Check

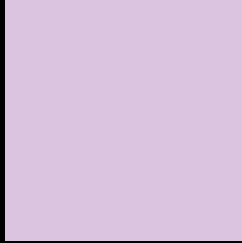
Large Text (above 18pt) WCAG AA × Fail

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 59.8676, 0.3110, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

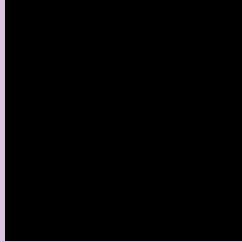
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.8676, 0.3110, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 59.8676, 0.3110, 0.2990.



This preview shows how white text looks on a background with the Yxy color 59.8676, 0.3110, 0.2990.

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

59.8676, 0.3110, 0.2990

Protanopia

60.0665, 0.2940, 0.3003

Deuteranopia

60.0120, 0.3071, 0.3009



Tritanopia

60.0977, 0.3174, 0.3121

Trichromacy



Original Color

59.8676, 0.3110, 0.2990

Protanomaly

60.0649, 0.2997, 0.2995

Deuteranomaly

59.8591, 0.3087, 0.2999

Tritanomaly

59.8477, 0.3145, 0.3066

Monochromacy



Original Color

59.8676, 0.3110, 0.2990

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8434, 0.3125, 0.3176

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.8676, 0.3110, 0.2990 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(219, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 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(219, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 223) }
```

Border

The CSS property to change the border of an element to Yxy 59.8676, 0.3110, 0.2990 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(219, 196, 223) }
```

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

```
.border{ border-color:rgb(219, 196, 223) }
```

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

Here you see how a box with a 4 pixel rgb(219, 196, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 223);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 59.8676, 0.3110, 0.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 196, 223) }
```

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

```
.background{ background-color: rgb(219,  
196, 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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