

Converting Colors

Yxy(59.4698, 0.3147, 0.3041)

Have a look what the booklet for
Yxy(59.4698, 0.3147, 0.3041)
contains.

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Color

Yxy(59.6019, 0.3147, 0.3044)

Conversions

Conversions Part 1

Format	Color
Hex	DBC4DA
RGB	219, 196, 218
RGB Percent	86%, 77%, 85%
CMY	0.1410, 0.2314, 0.1451
CMYK	0.00, 0.11, 0.00, 0.14
HSL	303°, 24%, 81%
HSV	303°, 11%, 86%
XYZ	61.6187, 59.6019, 74.5807
YIQ	205.3850, 6.6460, 11.7180

Conversions

Conversions Part 2

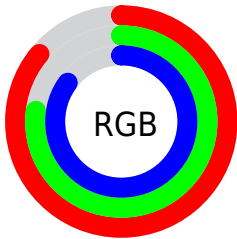
Format	Color
R _Y B	219, 196, 218
Decimal	14402778
CIE Lab	81.62, 11.96, -7.99
CIE LCh	82, 14.381, 326.262
Yxy	59.6019, 0.3147, 0.3044
Android (android.graphics.Color)	4292592858 (0xFFDBC4DA)
YUV	205.3850, 6.2192, 11.9404
Hunter-Lab	77.2023, 7.3650, -3.2351

Details

The Yxy color **59.6019, 0.3147, 0.3044** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4578, 0.3107, 0.3549**, and the grayscale version is **61.2693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.8829, 0.3152, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **50.3816, 0.3168, 0.2804**, and if you desaturate by 10%, it is **70.2703, 0.3128, 0.3278**.

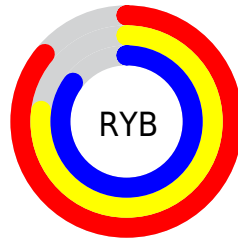
Distribution



Red (86%)

Green (77%)

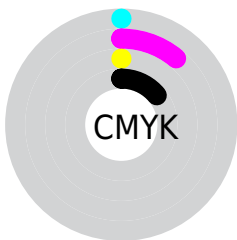
Blue (85%)



Red (86%)

Yellow (77%)

Blue (85%)

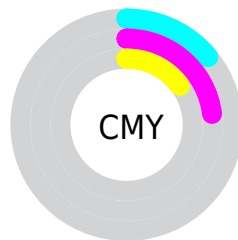


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (14%)



Cyan (14%)


Magenta (23%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6019, 0.3147, 0.3044 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 59.6019, 0.3147, 0.3044 by changing the saturation by 10% instead.


 59.6019, 0.3147,
0.3044

 59.6019, 0.3147,
0.3044

423.1288, 0.3139,
0.3160

 43.0978, 0.3149,
0.3017

 104.2520, 0.3144,
0.3085

 29.9619, 0.3151,
0.2984

133.1667, 0.3143,
0.3100

 19.8097, 0.3153,
0.2941


166.9872, 0.3142,
0.3114

 12.2568, 0.3156,
0.2884

206.0978, 0.3141,
0.3125

 6.9188, 0.3160,
0.2805

250.8828, 0.3140,
0.3136

 3.4114, 0.3164,
0.2689

301.7268, 0.3140,

 1.3501, 0.3166,

0.3145

0.2500

359.0140, 0.3139,
0.3153

0.1795, 0.3314,
0.1286

0.0000, 0.0000,
0.0000

59.6019, 0.3147,
0.3044

59.6019, 0.3147,
0.3044

50.3816, 0.3168,
0.2804

70.2703, 0.3128,
0.3278

42.5395, 0.3189,
0.2566

82.4376, 0.3111,
0.3501

36.0112, 0.3212,
0.2336

91.8091, 0.3098,
0.3645

30.7246, 0.3235,
0.2125

91.8629, 0.3093,
0.3634

■ 26.6002, 0.3258,
0.1943

■ 91.9170, 0.3087,
0.3623

■ 23.5495, 0.3279,
0.1797

■ 91.9714, 0.3081,
0.3613

■ 21.4715, 0.3298,
0.1693

■ 92.0261, 0.3076,
0.3602

■ 20.2458, 0.3315,
0.1632

■ 92.0812, 0.3070,
0.3591

■ 19.6713, 0.3329,
0.1607

■ 92.1366, 0.3065,
0.3580

Harmonies

Analogous

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



59.6019, 0.2965, 0.2982



59.6019, 0.3147, 0.3044



59.6019, 0.3328, 0.3166

Triad

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



59.6019, 0.3147, 0.3044



59.6019, 0.3429, 0.3584



59.6019, 0.2808, 0.3244

Complementary

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



59.6019, 0.3147, 0.3044



66.4578, 0.3107, 0.3549

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.



59.6019, 0.2926, 0.3416



59.6019, 0.3147, 0.3044



59.6019, 0.3284, 0.3616

Square

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



59.6019, 0.3147, 0.3044



59.6019, 0.3494, 0.3474



59.6019, 0.3099, 0.3555



59.6019, 0.2774, 0.3091

Rectangle

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



59.6019, 0.3147, 0.3044



59.6019, 0.3422, 0.3268



59.6019, 0.3099, 0.3555



59.6019, 0.2839, 0.3302

Sweetspot

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



59.6045, 0.3147, 0.3044



95.1932, 0.3133, 0.3220



56.4296, 0.2968, 0.3019



20.1073, 0.3134, 0.3202



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.



59.6045, 0.3147, 0.3044



80.5453, 0.3152, 0.2982



59.0357, 0.3231, 0.3168



13.2640, 0.3145, 0.3070



11.6626, 0.3327, 0.1606



0.7588, 0.3306, 0.1595

Inverse Universe

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



59.6045, 0.3147, 0.3044



80.5453, 0.3152, 0.2982



66.9927, 0.3034, 0.3415



13.2640, 0.3145, 0.3070



11.6626, 0.3327, 0.1606



0.7588, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 59.6019, 0.3147, 0.3044 looks on a white background.

Color Contrast Check

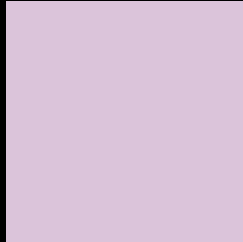
Large Text (above 18pt) WCAG AA × Fail

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 59.6019, 0.3147, 0.3044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

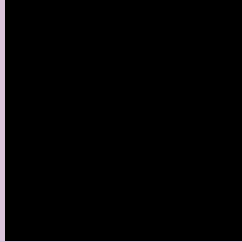
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6019, 0.3147, 0.3044

Background



This preview shows how black text looks on a background with the Yxy color 59.6019, 0.3147, 0.3044.



This preview shows how white text looks on a background with the Yxy color 59.6019, 0.3147, 0.3044.

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

59.6019, 0.3147, 0.3044

Protanopia

59.8790, 0.2987, 0.3070

Deuteranopia

59.5934, 0.3123, 0.3054



Tritanopia

59.5914, 0.3182, 0.3121

Trichromacy



Original Color

59.6019, 0.3147, 0.3044

Protanomaly

59.8858, 0.3046, 0.3062

Deuteranomaly

59.7462, 0.3130, 0.3054

Tritanomaly

59.6930, 0.3168, 0.3099

Monochromacy



Original Color

59.6019, 0.3147, 0.3044

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.5958, 0.3131, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6019, 0.3147, 0.3044 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, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 218)  
}
```

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, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 218) }
```

Border

The CSS property to change the border of an element to Yxy 59.6019, 0.3147, 0.3044 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, 218) }
```

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

```
.border{ border-color:rgb(219, 196, 218) }
```

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, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6019, 0.3147, 0.3044 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, 218) }
```

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

```
.background{ background-color: rgb(219,  
196, 218) }
```

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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