

Converting Colors

Yxy(59.6310, 0.3142, 0.3037)

Have a look what the booklet for
Yxy(59.6310, 0.3142, 0.3037)
contains.

Yxy(59.6544, 0.3139, 0.3033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.6544, 0.3139, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	DBC4DB
RGB	219, 196, 219
RGB Percent	86%, 77%, 86%
CMY	0.1412, 0.2313, 0.1411
CMYK	0.00, 0.11, 0.00, 0.14
HSL	300°, 24%, 81%
HSV	300°, 11%, 86%
XYZ	61.7393, 59.6544, 75.2908
YIQ	205.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

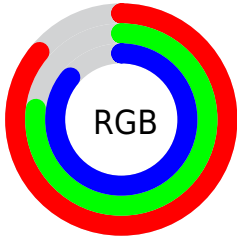
Format	Color
R _Y B	219, 196, 219
Decimal	14402779
CIE Lab	81.65, 12.12, -8.50
CIE LCh	82, 14.799, 324.966
Yxy	59.6544, 0.3139, 0.3033
Android (android.graphics.Color)	4292592859 (0xFFDBC4DB)
YUV	205.4990, 6.6560, 11.8404
Hunter-Lab	77.2363, 7.5216, -3.7312

Details

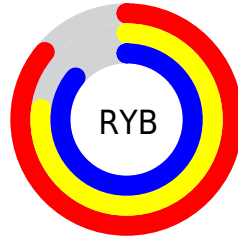
The Yxy color **59.6544, 0.3139, 0.3033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3993, 0.3115, 0.3561**, and the grayscale version is **61.3399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **29.9189, 0.3142, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **50.4826, 0.3150, 0.2783**, and if you desaturate by 10%, it is **70.2736, 0.3128, 0.3278**.

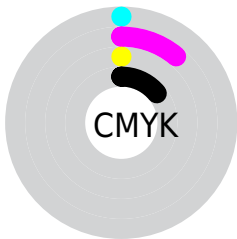
Distribution



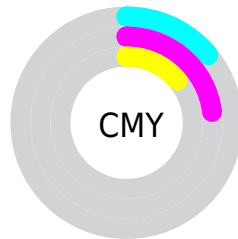
- Red (86%)
- Green (77%)
- Blue (86%)



- Red (86%)
- Yellow (77%)
- Blue (86%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6544, 0.3139, 0.3033 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 59.6544, 0.3139, 0.3033 by changing the saturation by 10% instead.

■ 59.6544, 0.3139,
0.3033

■ 59.6544, 0.3139,
0.3033

■ 423.3227, 0.3134,
0.3154

■ 43.1401, 0.3140,
0.3005

■ 104.3282, 0.3138,
0.3075

■ 29.9951, 0.3141,
0.2970

■ 133.2565, 0.3137,
0.3092

■ 19.8349, 0.3142,
0.2925

■ 167.0915, 0.3136,
0.3106

■ 12.2751, 0.3143,
0.2866

■ 206.2178, 0.3136,
0.3118

■ 6.9313, 0.3143,
0.2784

■ 251.0197, 0.3136,
0.3129

■ 3.4192, 0.3142,
0.2664

■ 301.8815, 0.3135,

■ 1.3543, 0.3137,

0.3138

0.2468

359.1877, 0.3135,
0.3146

0.1827, 0.3249,
0.1264

0.0000, 0.0000,
0.0000

59.6544, 0.3139,
0.3033

59.6544, 0.3139,
0.3033

50.4826, 0.3150,
0.2783

70.2736, 0.3128,
0.3278

42.6883, 0.3162,
0.2535

82.3910, 0.3117,
0.3512

36.2073, 0.3173,
0.2298

91.7066, 0.3110,
0.3666

30.9672, 0.3183,
0.2080

91.7107, 0.3110,
0.3666

■ 26.8889, 0.3191,
0.1893

■ 91.7148, 0.3110,
0.3666

■ 23.8839, 0.3198,
0.1743

■ 91.7189, 0.3110,
0.3666

■ 21.8511, 0.3202,
0.1635

■ 91.7230, 0.3110,
0.3666

■ 20.6701, 0.3205,
0.1570

■ 91.7271, 0.3111,
0.3666

■ 20.1376, 0.3206,
0.1540

■ 91.7312, 0.3111,
0.3666

Harmonies

Analogous

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



59.6544, 0.2953, 0.2973



59.6544, 0.3139, 0.3033



59.6544, 0.3327, 0.3156

Triad

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



59.6544, 0.3139, 0.3033



59.6544, 0.3443, 0.3589



59.6544, 0.2803, 0.3250

Complementary

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



59.6544, 0.3139, 0.3033



66.3993, 0.3115, 0.3561

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.



59.6544, 0.2927, 0.3427



59.6544, 0.3139, 0.3033



59.6544, 0.3296, 0.3626

Square

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



59.6544, 0.3139, 0.3033



59.6544, 0.3505, 0.3473



59.6544, 0.3106, 0.3568



59.6544, 0.2763, 0.3091

Rectangle

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



59.6544, 0.3139, 0.3033



59.6544, 0.3426, 0.3261



59.6544, 0.3106, 0.3568



59.6544, 0.2836, 0.3310

Sweetspot

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



59.6570, 0.3139, 0.3033



95.2140, 0.3131, 0.3217



56.5081, 0.2963, 0.3023



20.1129, 0.3131, 0.3197



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.



59.6570, 0.3139, 0.3033



80.6353, 0.3142, 0.2968



59.0948, 0.3222, 0.3156



13.2740, 0.3138, 0.3060



11.9386, 0.3206, 0.1540



0.7737, 0.3207, 0.1540

Inverse Universe

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



58.5329, 0.3312, 0.3290



78.6909, 0.3366, 0.3290



66.9211, 0.3042, 0.3428



13.0518, 0.3291, 0.3290



8.9304, 0.6399, 0.3299



0.5786, 0.6395, 0.3297

Previews

White Background



This preview shows how the Yxy color 59.6544, 0.3139, 0.3033 looks on a white background.

Color Contrast Check

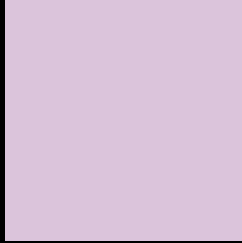
Large Text (above 18pt) WCAG AA × Fail

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 59.6544, 0.3139, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

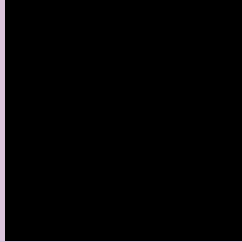
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6544, 0.3139, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 59.6544, 0.3139, 0.3033.



This preview shows how white text looks on a background with the Yxy color 59.6544, 0.3139, 0.3033.

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

59.6544, 0.3139, 0.3033

Protanopia

59.9863, 0.2974, 0.3048

Deuteranopia

59.6459, 0.3115, 0.3043



Tritanopia

59.6420, 0.3175, 0.3110

Trichromacy



Original Color

59.6544, 0.3139, 0.3033

Protanomaly

59.9924, 0.3032, 0.3039

Deuteranomaly

59.7987, 0.3123, 0.3043

Tritanomaly

59.7442, 0.3160, 0.3088

Monochromacy



Original Color

59.6544, 0.3139, 0.3033

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.7931, 0.3132, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6544, 0.3139, 0.3033 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, 219)` looks like.

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

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, 219) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 59.6544, 0.3139, 0.3033 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, 219) }
```

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

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

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, 219)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 59.6544, 0.3139, 0.3033 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, 219) }
```

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

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

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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