

Converting Colors

$Y_{xy}(59.7519, 0.3101, 0.3021)$

Have a look what the booklet for
Yxy(59.7519, 0.3101, 0.3021)
contains.

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Color

Yxy(59.7519, 0.3101, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	D8C5DD
RGB	216, 197, 221
RGB Percent	85%, 77%, 87%
CMY	0.1530, 0.2274, 0.1334
CMYK	0.02, 0.11, 0.00, 0.13
HSL	287°, 26%, 82%
HSV	287°, 11%, 87%
XYZ	61.3342, 59.7519, 76.7024
YIQ	205.4170, 3.6200, 11.4920

Conversions

Conversions Part 2

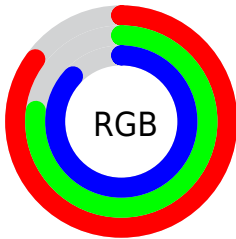
Format	Color
R _Y B	216, 197, 221
Decimal	14206429
CIE Lab	81.70, 10.94, -9.50
CIE LCh	82, 14.490, 319.022
Yxy	59.7519, 0.3101, 0.3021
Android (android.graphics.Color)	4292396509 (0xFFD8C5DD)
YUV	205.4170, 7.6824, 9.2813
Hunter-Lab	77.2994, 6.3593, -4.7226

Details

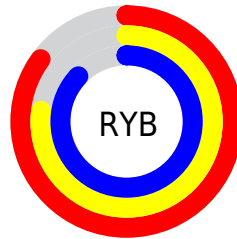
The Yxy color **59.7519, 0.3101, 0.3021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2990, 0.3150, 0.3568**, and the grayscale version is **61.2790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.9752, 0.3091, 0.2951** is the 20% darker color. If you saturate the color by 10%, you get **49.7510, 0.3071, 0.2761**, and if you desaturate by 10%, it is **71.2488, 0.3125, 0.3269**.

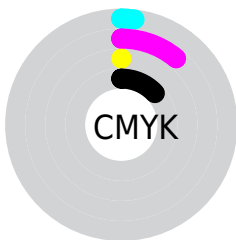
Distribution



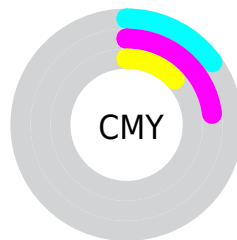
- Red (85%)
- Green (77%)
- Blue (87%)



- Red (85%)
- Yellow (77%)
- Blue (87%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)





- Cyan (15%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7519, 0.3101, 0.3021 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 59.7519, 0.3101, 0.3021 by changing the saturation by 10% instead.


 59.7519, 0.3101,
0.3021

 59.7519, 0.3101,
0.3021


423.6827, 0.3115,
0.3147

 43.2187, 0.3098,
0.2992


104.4697, 0.3106,
0.3065

 30.0567, 0.3093,
0.2955


133.4230, 0.3108,
0.3082

 19.8817, 0.3087,
0.2908


167.2853, 0.3109,
0.3097

 12.3091, 0.3078,
0.2847

206.4407, 0.3111,
0.3110

 6.9545, 0.3066,
0.2761

251.2738, 0.3112,
0.3121

 3.4337, 0.3045,
0.2635

302.1688, 0.3113,

 1.3621, 0.3006,

0.3131

0.2431

359.5104, 0.3114,
0.3140

0.1885, 0.2966,
0.1253

0.0000, 0.0000,
0.0000

59.7519, 0.3101,
0.3021

59.7519, 0.3101,
0.3021

49.7510, 0.3071,
0.2761

71.2488, 0.3125,
0.3269

41.1745, 0.3036,
0.2496

84.2940, 0.3145,
0.3503

33.9563, 0.2995,
0.2233

93.5321, 0.3166,
0.3638

28.0222, 0.2948,
0.1983

94.3035, 0.3195,
0.3635

■ 23.2907, 0.2897,
0.1757

■ 95.0950, 0.3224,
0.3632

■ 19.6708, 0.2842,
0.1565

■ 95.9071, 0.3254,
0.3629

■ 17.0585, 0.2786,
0.1415

■ 96.7397, 0.3284,
0.3626

■ 15.3296, 0.2730,
0.1311

■ 97.5930, 0.3313,
0.3623

■ 14.3269, 0.2680,
0.1250

■ 98.0002, 0.3328,
0.3621

Harmonies

Analogous

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



59.7519, 0.2925, 0.2977



59.7519, 0.3101, 0.3021



59.7519, 0.3288, 0.3132

Triad

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



59.7519, 0.3101, 0.3021



59.7519, 0.3456, 0.3565



59.7519, 0.2828, 0.3285

Complementary

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



59.7519, 0.3101, 0.3021



68.2990, 0.3150, 0.3568

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.



59.7519, 0.2963, 0.3456



59.7519, 0.3101, 0.3021



59.7519, 0.3325, 0.3619

Square

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



59.7519, 0.3101, 0.3021



59.7519, 0.3497, 0.3441



59.7519, 0.3145, 0.3580



59.7519, 0.2771, 0.3122

Rectangle

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



59.7519, 0.3101, 0.3021



59.7519, 0.3394, 0.3230



59.7519, 0.3145, 0.3580



59.7519, 0.2865, 0.3344

Sweetspot

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



59.7545, 0.3101, 0.3021



94.9147, 0.3120, 0.3217



59.4288, 0.2958, 0.3071



20.0318, 0.3119, 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.



59.7545, 0.3101, 0.3021



79.3560, 0.3095, 0.2963



60.1725, 0.3190, 0.3098



13.1307, 0.3105, 0.3057



8.3732, 0.2689, 0.1255



0.5776, 0.2778, 0.1304

Inverse Universe

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



59.5719, 0.3281, 0.3234



79.0666, 0.3318, 0.3222



67.9315, 0.3070, 0.3490



13.0957, 0.3259, 0.3241



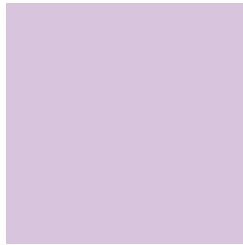
9.0581, 0.6042, 0.3102



0.5995, 0.5587, 0.2851

Previews

White Background



This preview shows how the Yxy color 59.7519, 0.3101, 0.3021 looks on a white background.

Color Contrast Check

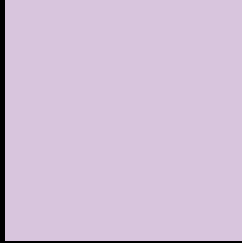
Large Text (above 18pt) WCAG AA × Fail

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 59.7519, 0.3101, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

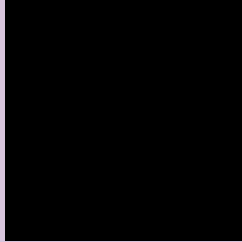
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7519, 0.3101, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 59.7519, 0.3101, 0.3021.



This preview shows how white text looks on a background with the Yxy color 59.7519, 0.3101, 0.3021.

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

59.7519, 0.3101, 0.3021

Protanopia

60.0404, 0.2967, 0.3037

Deuteranopia

59.6000, 0.3093, 0.3020



Tritanopia

59.6903, 0.3143, 0.3109

Trichromacy



Original Color

59.7519, 0.3101, 0.3021

Protanomaly

59.7581, 0.3011, 0.3027

Deuteranomaly

59.6000, 0.3093, 0.3020

Tritanomaly

59.8450, 0.3122, 0.3076

Monochromacy



Original Color

59.7519, 0.3101, 0.3021

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.4995, 0.3117, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7519, 0.3101, 0.3021 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(216, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(216, 197, 221)  
}
```

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(216, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 197, 221) }
```

Border

The CSS property to change the border of an element to Yxy 59.7519, 0.3101, 0.3021 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(216, 197, 221) }
```

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

```
.border{ border-color:rgb(216, 197, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 197, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 197,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7519, 0.3101, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 197, 221) }
```

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

```
.background{ background-color: rgb(216,  
197, 221) }
```

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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