

Converting Colors

$Y_{xy}(57.2505, 0.3126, 0.3040)$

Have a look what the booklet for
Yxy(57.2505, 0.3126, 0.3040)
contains.

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Color

Yxy(57.1924, 0.3123, 0.3039)

Conversions

Conversions Part 1

Format	Color
Hex	D5C1D7
RGB	213, 193, 215
RGB Percent	84%, 76%, 84%
CMY	0.1647, 0.2431, 0.1569
CMYK	0.01, 0.10, 0.00, 0.16
HSL	295°, 22%, 80%
HSV	295°, 10%, 84%
XYZ	58.7732, 57.1924, 72.2292
YIQ	201.4880, 4.8580, 11.0820

Conversions

Conversions Part 2

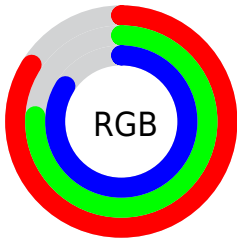
Format	Color
RYB	213, 193, 215
Decimal	14008791
CIELab	80.29, 10.94, -8.41
CIELCh	80, 13.803, 322.440
Yxy	57.1924, 0.3123, 0.3039
Android (android.graphics.Color)	4292198871 (0xFFD5C1D7)
YUV	201.4880, 6.6614, 10.0960
Hunter-Lab	75.6257, 6.3782, -3.6892

Details

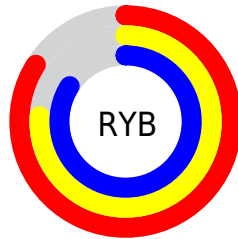
The Yxy color **57.1924, 0.3123, 0.3039** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0550, 0.3129, 0.3552**, and the grayscale version is **58.6834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **28.2724, 0.3121, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **48.0775, 0.3117, 0.2785**, and if you desaturate by 10%, it is **67.6976, 0.3127, 0.3285**.

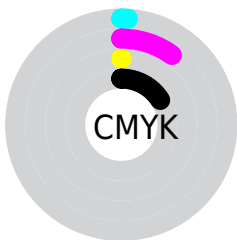
Distribution



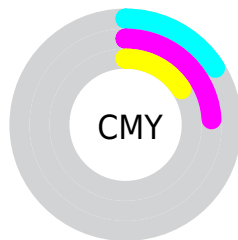
- Red (84%)
- Green (76%)
- Blue (84%)



- Red (84%)
- Yellow (76%)
- Blue (84%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1924, 0.3123, 0.3039 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 57.1924, 0.3123, 0.3039 by changing the saturation by 10% instead.

 57.1924, 0.3123,
0.3039

 57.1924, 0.3123,
0.3039


414.1699, 0.3126,
0.3158

 41.1597, 0.3122,
0.3011


 100.7459, 0.3124,
0.3081

 28.4439, 0.3121,
0.2976


129.0355, 0.3125,
0.3097

 18.6606, 0.3119,
0.2931


162.1795, 0.3125,
0.3111

 11.4253, 0.3116,
0.2872

200.5623, 0.3125,
0.3123

 6.3536, 0.3111,
0.2788

244.5684, 0.3126,
0.3133

 3.0613, 0.3101,
0.2664

294.5821, 0.3126,

 1.1638, 0.3081,

0.3142

0.2458

350.9878, 0.3126,
0.3151

0.0318, 0.3123,
0.0334

0.0000, 0.0000,
0.0000

57.1924, 0.3123,
0.3039

57.1924, 0.3123,
0.3039

48.0775, 0.3117,
0.2785

67.6976, 0.3127,
0.3285

40.2862, 0.3108,
0.2530

79.6415, 0.3129,
0.3517

33.7573, 0.3096,
0.2282

91.4679, 0.3131,
0.3710

28.4217, 0.3082,
0.2049

91.7741, 0.3144,
0.3708

■ 24.2040, 0.3065,
0.1844

■ 92.0840, 0.3156,
0.3707

■ 21.0200, 0.3045,
0.1674

■ 92.3975, 0.3168,
0.3705

■ 18.7735, 0.3023,
0.1545

■ 92.7146, 0.3181,
0.3704

■ 17.3504, 0.3001,
0.1461

■ 93.0353, 0.3193,
0.3702

■ 16.5557, 0.2978,
0.1414

■ 93.3597, 0.3206,
0.3701

Harmonies

Analogous

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



57.1924, 0.2950, 0.2988



57.1924, 0.3123, 0.3039



57.1924, 0.3302, 0.3152

Triad

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



57.1924, 0.3123, 0.3039



57.1924, 0.3434, 0.3566



57.1924, 0.2827, 0.3267

Complementary

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



57.1924, 0.3123, 0.3039



64.0550, 0.3129, 0.3552

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.



57.1924, 0.2951, 0.3433



57.1924, 0.3123, 0.3039



57.1924, 0.3301, 0.3608

Square

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



57.1924, 0.3123, 0.3039



57.1924, 0.3485, 0.3452



57.1924, 0.3123, 0.3560



57.1924, 0.2782, 0.3113

Rectangle

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



57.1924, 0.3123, 0.3039



57.1924, 0.3399, 0.3249



57.1924, 0.3123, 0.3560



57.1924, 0.2861, 0.3323

Sweetspot

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



57.1949, 0.3123, 0.3039



95.0835, 0.3126, 0.3217



55.3686, 0.2968, 0.3053



20.0775, 0.3126, 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.



57.1949, 0.3123, 0.3039



81.4802, 0.3122, 0.2992



57.0570, 0.3205, 0.3139



12.5724, 0.3123, 0.3059



9.9270, 0.2982, 0.1416



0.6160, 0.3023, 0.1439

Inverse Universe

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



56.5319, 0.3291, 0.3267



80.3434, 0.3326, 0.3263



64.1935, 0.3056, 0.3446



12.4390, 0.3277, 0.3269



8.6773, 0.6290, 0.3239



0.5299, 0.5990, 0.3073

Previews

White Background



This preview shows how the Yxy color 57.1924, 0.3123, 0.3039 looks on a white background.

Color Contrast Check

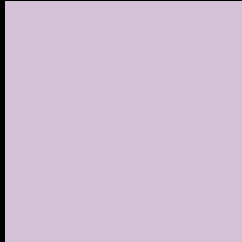
Large Text (above 18pt) WCAG AA × Fail

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 57.1924, 0.3123, 0.3039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

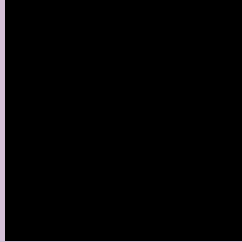
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1924, 0.3123, 0.3039

Background



This preview shows how black text looks on a background with the Yxy color 57.1924, 0.3123, 0.3039.



This preview shows how white text looks on a background with the Yxy color 57.1924, 0.3123, 0.3039.

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

57.1924, 0.3123, 0.3039

Protanopia

57.3204, 0.2978, 0.3055

Deuteranopia

57.3388, 0.3107, 0.3049



Tritanopia

57.1841, 0.3159, 0.3117

Trichromacy



Original Color

57.1924, 0.3123, 0.3039

Protanomaly

57.1861, 0.3030, 0.3046

Deuteranomaly

57.4869, 0.3115, 0.3050

Tritanomaly

57.2838, 0.3144, 0.3095

Monochromacy



Original Color

57.1924, 0.3123, 0.3039

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8235, 0.3124, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1924, 0.3123, 0.3039 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(213, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(213, 193, 215)  
}
```

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(213, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 193, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.1924, 0.3123, 0.3039 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(213, 193, 215) }
```

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

```
.border{ border-color:rgb(213, 193, 215) }
```

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

Here you see how a box with a 4 pixel rgb(213, 193, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(213, 193,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1924, 0.3123, 0.3039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 193, 215) }
```

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

```
.background{ background-color: rgb(213,  
193, 215) }
```

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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