

Converting Colors

$Y_{xy}(58.1757, 0.3165, 0.3120)$

Have a look what the booklet for
Yxy(58.1757, 0.3165, 0.3120)
contains.

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Color

Yxy(57.9795, 0.3167, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	D6C3D2
RGB	214, 195, 210
RGB Percent	84%, 76%, 82%
CMY	0.1609, 0.2352, 0.1766
CMYK	0.00, 0.09, 0.02, 0.16
HSL	313°, 19%, 80%
HSV	313°, 9%, 84%
XYZ	58.8718, 57.9795, 69.0400
YIQ	202.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

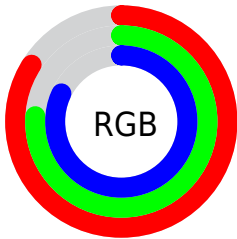
Format	Color
R _Y B	214, 195, 210
Decimal	14074834
CIE Lab	80.73, 9.28, -5.05
CIE LCh	81, 10.569, 331.457
Yxy	57.9795, 0.3167, 0.3119
Android (android.graphics.Color)	4292264914 (0xFFD6C3D2)
YUV	202.3910, 3.7512, 10.1811
Hunter-Lab	76.1443, 4.7568, -0.4573

Details

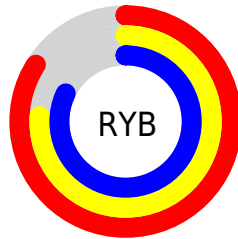
The Yxy color **57.9795, 0.3167, 0.3119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8122, 0.3090, 0.3467**, and the grayscale version is **59.2918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **28.8210, 0.3170, 0.3063** is the 20% darker color. If you saturate the color by 10%, you get **48.8470, 0.3219, 0.2919**, and if you desaturate by 10%, it is **68.4975, 0.3122, 0.3311**.

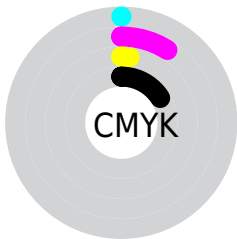
Distribution



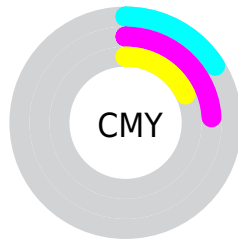
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9795, 0.3167, 0.3119 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 57.9795, 0.3167, 0.3119 by changing the saturation by 10% instead.


 57.9795, 0.3167,
0.3119

 57.9795, 0.3167,
0.3119


417.1095, 0.3148,
0.3200

 41.7922, 0.3171,
0.3100


 101.8930, 0.3160,
0.3148

 28.9386, 0.3177,
0.3076


130.3880, 0.3158,
0.3159

 19.0344, 0.3184,
0.3045


163.7543, 0.3156,
0.3168

 11.6951, 0.3193,
0.3004

202.3763, 0.3154,
0.3176

 6.5364, 0.3205,
0.2946

246.6384, 0.3152,
0.3183

 3.1739, 0.3224,
0.2858

296.9251, 0.3151,

 1.2232, 0.3253,

0.3190

353.6207, 0.3150,
0.3195

0.2712

0.0805, 0.3677,
0.0977

0.0000, 0.0000,
0.0000

57.9795, 0.3167,
0.3119

57.9795, 0.3167,
0.3119

48.8470, 0.3219,
0.2919

68.4975, 0.3122,
0.3311

41.0342, 0.3278,
0.2716

80.4483, 0.3084,
0.3493

34.4813, 0.3345,
0.2517

91.1705, 0.3053,
0.3621

29.1209, 0.3419,
0.2329

91.4187, 0.3028,
0.3572

■ 24.8792, 0.3498,
0.2164

■ 91.6735, 0.3003,
0.3524

■ 21.6745, 0.3581,
0.2030

■ 91.9349, 0.2978,
0.3475

■ 19.4134, 0.3665,
0.1937

■ 92.2030, 0.2954,
0.3428

■ 17.9862, 0.3748,
0.1890

■ 92.4779, 0.2930,
0.3380

■ 17.2195, 0.3827,
0.1886

■ 92.7595, 0.2905,
0.3333

Harmonies

Analogous

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



57.9795, 0.3029, 0.3064



57.9795, 0.3167, 0.3119



57.9795, 0.3296, 0.3217

Triad

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



57.9795, 0.3167, 0.3119



57.9795, 0.3336, 0.3517



57.9795, 0.2880, 0.3236

Complementary

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



57.9795, 0.3167, 0.3119



63.8122, 0.3090, 0.3467

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.



57.9795, 0.2959, 0.3362



57.9795, 0.3167, 0.3119



57.9795, 0.3221, 0.3528

Square

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



57.9795, 0.3167, 0.3119



57.9795, 0.3395, 0.3445



57.9795, 0.3083, 0.3471



57.9795, 0.2866, 0.3128

Rectangle

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



57.9795, 0.3167, 0.3119



57.9795, 0.3360, 0.3296



57.9795, 0.3083, 0.3471



57.9795, 0.2900, 0.3278

Sweetspot

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



57.9820, 0.3167, 0.3119



95.1120, 0.3140, 0.3232



56.0072, 0.3019, 0.3066



20.0853, 0.3144, 0.3217



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.



57.9820, 0.3167, 0.3119



83.0146, 0.3178, 0.3075



57.5336, 0.3237, 0.3225



12.5856, 0.3170, 0.3108



10.3823, 0.3825, 0.1881



0.6377, 0.3698, 0.1811

Inverse Universe

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



57.9820, 0.3167, 0.3119



83.0146, 0.3178, 0.3075



64.2558, 0.3028, 0.3356



12.5856, 0.3170, 0.3108



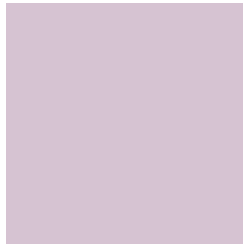
10.3823, 0.3825, 0.1881



0.6377, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 57.9795, 0.3167, 0.3119 looks on a white background.

Color Contrast Check

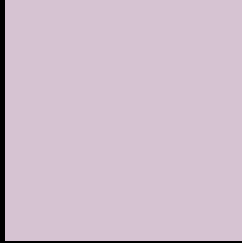
Large Text (above 18pt) WCAG AA × Fail

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 57.9795, 0.3167, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

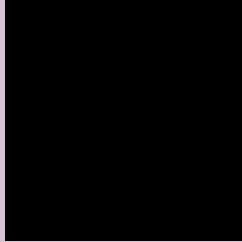
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9795, 0.3167, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 57.9795, 0.3167, 0.3119.



This preview shows how white text looks on a background with the Yxy color 57.9795, 0.3167, 0.3119.

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

57.9795, 0.3167, 0.3119

Protanopia

57.9303, 0.3035, 0.3125

Deuteranopia

57.6838, 0.3176, 0.3107



Tritanopia

57.9795, 0.3167, 0.3119

Trichromacy



Original Color

57.9795, 0.3167, 0.3119

Protanomaly

58.1208, 0.3080, 0.3127

Deuteranomaly

57.6838, 0.3176, 0.3107

Tritanomaly

57.9795, 0.3167, 0.3119

Monochromacy



Original Color

57.9795, 0.3167, 0.3119

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.3764, 0.3138, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9795, 0.3167, 0.3119 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(214, 195, 210)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 210)  
}
```

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(214, 195, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 210) }
```

Border

The CSS property to change the border of an element to Yxy 57.9795, 0.3167, 0.3119 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(214, 195, 210) }
```

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

```
.border{ border-color:rgb(214, 195, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 210);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9795, 0.3167, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 210) }
```

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

```
.background{ background-color: rgb(214,  
195, 210) }
```

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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