

Converting Colors

$Y_{xy}(57.6575, 0.3125, 0.3075)$

Have a look what the booklet for
Yxy(57.6575, 0.3125, 0.3075)
contains.

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Color

Yxy(57.8314, 0.3129, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	D4C3D5
RGB	212, 195, 213
RGB Percent	83%, 76%, 84%
CMY	0.1686, 0.2353, 0.1647
CMYK	0.00, 0.08, 0.00, 0.16
HSL	297°, 18%, 80%
HSV	297°, 8%, 84%
XYZ	58.6752, 57.8314, 71.0141
YIQ	202.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

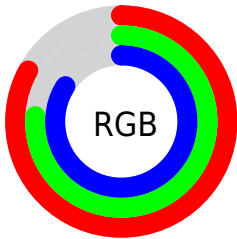
Format	Color
R _Y B	212, 195, 213
Decimal	13943765
CIE Lab	80.64, 9.16, -6.81
CIE LCh	81, 11.420, 323.368
Yxy	57.8314, 0.3129, 0.3084
Android (android.graphics.Color)	4292133845 (0xFFD4C3D5)
YUV	202.1350, 5.3564, 8.6516
Hunter-Lab	76.0470, 4.6423, -2.1333

Details

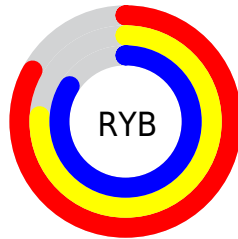
The Yxy color $57.8314, 0.3129, 0.3084$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $63.2601, 0.3124, 0.3504$, and the grayscale version is $59.1163, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $28.6865, 0.3129, 0.3032$ is the 20% darker color. If you saturate the color by 10%, you get $48.7859, 0.3130, 0.2833$, and if you desaturate by 10%, it is $68.2445, 0.3127, 0.3327$.

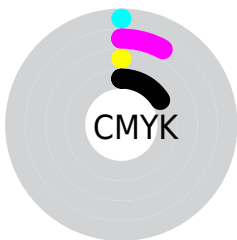
Distribution



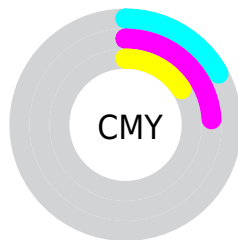
- Red (83%)
- Green (76%)
- Blue (84%)



- Red (83%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)




- Cyan (17%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8314, 0.3129, 0.3084 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 57.8314, 0.3129, 0.3084 by changing the saturation by 10% instead.

 57.8314, 0.3129,
0.3084

 57.8314, 0.3129,
0.3084


416.5574, 0.3129,
0.3182

 41.6731, 0.3129,
0.3061

 101.6773, 0.3129,
0.3118

 28.8454, 0.3129,
0.3032


130.1337, 0.3129,
0.3132

 18.9639, 0.3128,
0.2995


163.4583, 0.3129,
0.3143

 11.6442, 0.3127,
0.2946

202.0354, 0.3129,
0.3153

 6.5019, 0.3125,
0.2877

246.2495, 0.3129,
0.3162

 3.1526, 0.3122,
0.2773

296.4849, 0.3129,

 1.2119, 0.3112,

0.3169

0.2600

353.1261, 0.3129,
0.3176

0.0714, 0.3179,
0.0779

0.0000, 0.0000,
0.0000

57.8314, 0.3129,
0.3084

57.8314, 0.3129,
0.3084

48.7859, 0.3130,
0.2833

68.2445, 0.3127,
0.3327

41.0433, 0.3130,
0.2580

80.0717, 0.3124,
0.3558

34.5445, 0.3127,
0.2334

90.8501, 0.3122,
0.3734

29.2233, 0.3123,
0.2104

91.0292, 0.3129,
0.3733

■ 25.0071, 0.3117,
0.1900

■ 91.2095, 0.3136,
0.3733

■ 21.8153, 0.3108,
0.1730

■ 91.3912, 0.3144,
0.3732

■ 19.5565, 0.3098,
0.1602

■ 91.5741, 0.3151,
0.3731

■ 18.1231, 0.3085,
0.1517

■ 91.7583, 0.3159,
0.3730

■ 17.3522, 0.3072,
0.1471

■ 91.9438, 0.3166,
0.3729

Harmonies

Analogous

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



57.8314, 0.2985, 0.3040



57.8314, 0.3129, 0.3084



57.8314, 0.3276, 0.3180

Triad

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



57.8314, 0.3129, 0.3084



57.8314, 0.3378, 0.3520



57.8314, 0.2877, 0.3267

Complementary

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



57.8314, 0.3129, 0.3084



63.2601, 0.3124, 0.3504

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.



57.8314, 0.2978, 0.3404



57.8314, 0.3129, 0.3084



57.8314, 0.3267, 0.3551

Square

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



57.8314, 0.3129, 0.3084



57.8314, 0.3421, 0.3428



57.8314, 0.3120, 0.3509



57.8314, 0.2842, 0.3142

Rectangle

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



57.8314, 0.3129, 0.3084



57.8314, 0.3354, 0.3261



57.8314, 0.3120, 0.3509



57.8314, 0.2904, 0.3314

Sweetspot

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



57.8339, 0.3129, 0.3084



95.1359, 0.3128, 0.3217



55.9795, 0.2997, 0.3090



20.0917, 0.3128, 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.



57.8339, 0.3129, 0.3084



84.5299, 0.3129, 0.3043



57.5955, 0.3195, 0.3173



12.5962, 0.3129, 0.3060



10.5560, 0.3072, 0.1466



0.6476, 0.3097, 0.1480

Inverse Universe

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



57.1636, 0.3265, 0.3279



83.3400, 0.3295, 0.3277



63.4894, 0.3065, 0.3410



12.4318, 0.3283, 0.3278



8.6617, 0.6337, 0.3265



0.5264, 0.6144, 0.3158

Previews

White Background



This preview shows how the Yxy color 57.8314, 0.3129, 0.3084 looks on a white background.

Color Contrast Check

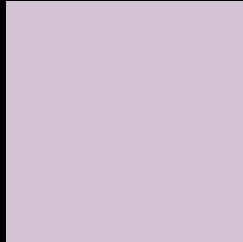
Large Text (above 18pt) WCAG AA × Fail

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 57.8314, 0.3129, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

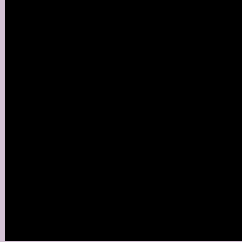
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

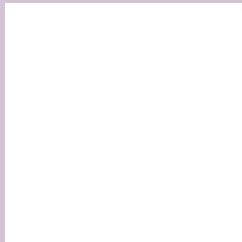
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.8314, 0.3129, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 57.8314, 0.3129, 0.3084.



This preview shows how white text looks on a background with the Yxy color 57.8314, 0.3129, 0.3084.

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

57.8314, 0.3129, 0.3084

Protanopia

57.8953, 0.3013, 0.3102

Deuteranopia

57.6838, 0.3145, 0.3073



Tritanopia

57.7304, 0.3144, 0.3106

Trichromacy



Original Color

57.8314, 0.3129, 0.3084

Protanomaly

58.0806, 0.3059, 0.3104

Deuteranomaly

57.5338, 0.3137, 0.3073

Tritanomaly

57.7807, 0.3136, 0.3095

Monochromacy



Original Color

57.8314, 0.3129, 0.3084

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4249, 0.3131, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8314, 0.3129, 0.3084 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(212, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(212, 195, 213)  
}
```

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(212, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 195, 213) }
```

Border

The CSS property to change the border of an element to Yxy 57.8314, 0.3129, 0.3084 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(212, 195, 213) }
```

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

```
.border{ border-color:rgb(212, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(212, 195,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8314, 0.3129, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 195, 213) }
```

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

```
.background{ background-color: rgb(212,  
195, 213) }
```

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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