

Converting Colors

$Y_{xy}(58.5577, 0.3140, 0.3112)$

Have a look what the booklet for
Yxy(58.5577, 0.3140, 0.3112)
contains.

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Color

Yxy(58.8321, 0.3143, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	D5C5D4
RGB	213, 197, 212
RGB Percent	84%, 77%, 83%
CMY	0.1648, 0.2274, 0.1687
CMYK	0.00, 0.07, 0.00, 0.16
HSL	304°, 16%, 80%
HSV	304°, 7%, 84%
XYZ	59.2848, 58.8321, 70.5080
YIQ	203.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

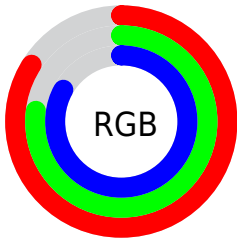
Format	Color
R _Y B	213, 197, 212
Decimal	14009812
CIE Lab	81.20, 8.24, -5.45
CIE LCh	81, 9.881, 326.555
Yxy	58.8321, 0.3143, 0.3119
Android (android.graphics.Color)	4292199892 (0xFFD5C5D4)
YUV	203.4940, 4.1935, 8.3368
Hunter-Lab	76.7021, 3.7381, -0.8106

Details

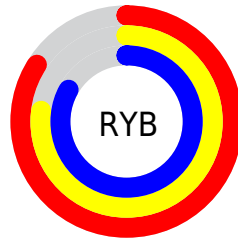
The Yxy color **58.8321, 0.3143, 0.3119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5294, 0.3112, 0.3467**, and the grayscale version is **60.0183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.3483, 0.3148, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **49.7683, 0.3166, 0.2885**, and if you desaturate by 10%, it is **69.2680, 0.3122, 0.3346**.

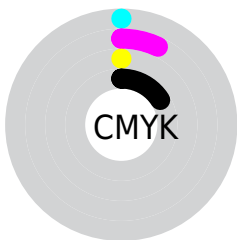
Distribution



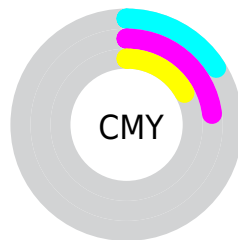
- Red (84%)
- Green (77%)
- Blue (83%)



- Red (84%)
- Yellow (77%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8321, 0.3143, 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 58.8321, 0.3143, 0.3119 by changing the saturation by 10% instead.

■ 58.8321, 0.3143,
0.3119

■ 58.8321, 0.3143,
0.3119

420.2794, 0.3136,
0.3200

■ 42.4780, 0.3145,
0.3100

103.1336, 0.3141,
0.3148

■ 29.4757, 0.3146,
0.3076

131.8498, 0.3140,
0.3159

■ 19.4410, 0.3149,
0.3045

165.4554, 0.3139,
0.3168

■ 11.9894, 0.3152,
0.3004

204.3349, 0.3138,
0.3176

■ 6.7364, 0.3156,
0.2947

248.8727, 0.3137,
0.3183

■ 3.2978, 0.3161,
0.2861

299.4531, 0.3137,

■ 1.2891, 0.3168,

0.3190

0.2718

356.4605, 0.3136,
0.3195

0.1328, 0.3323,
0.1347

0.0000, 0.0000,
0.0000

58.8321, 0.3143,
0.3119

58.8321, 0.3143,
0.3119

49.7683, 0.3166,
0.2885

69.2680, 0.3122,
0.3346

42.0121, 0.3191,
0.2649

81.1220, 0.3104,
0.3561

35.5049, 0.3218,
0.2419

90.6200, 0.3089,
0.3704

30.1809, 0.3245,
0.2204

90.6891, 0.3082,
0.3689

■ 25.9683, 0.3273,
0.2014

■ 90.7587, 0.3075,
0.3675

■ 22.7873, 0.3300,
0.1858

■ 90.8288, 0.3067,
0.3660

■ 20.5478, 0.3325,
0.1742

■ 90.8995, 0.3060,
0.3646

■ 19.1439, 0.3348,
0.1669

■ 90.9708, 0.3052,
0.3631

■ 18.4302, 0.3369,
0.1637

■ 91.0427, 0.3045,
0.3617

Harmonies

Analogous

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



58.8321, 0.3017, 0.3076



58.8321, 0.3143, 0.3119



58.8321, 0.3267, 0.3206

Triad

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



58.8321, 0.3143, 0.3119



58.8321, 0.3335, 0.3494



58.8321, 0.2905, 0.3259

Complementary

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



58.8321, 0.3143, 0.3119



63.5294, 0.3112, 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.



58.8321, 0.2987, 0.3376



58.8321, 0.3143, 0.3119



58.8321, 0.3235, 0.3513

Square

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



58.8321, 0.3143, 0.3119



58.8321, 0.3379, 0.3420



58.8321, 0.3108, 0.3470



58.8321, 0.2882, 0.3153

Rectangle

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



58.8321, 0.3143, 0.3119



58.8321, 0.3331, 0.3277



58.8321, 0.3108, 0.3470



58.8321, 0.2927, 0.3298

Sweetspot

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



58.8346, 0.3143, 0.3119



96.7686, 0.3131, 0.3244



56.7218, 0.3019, 0.3101



20.7463, 0.3131, 0.3247



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.



58.8346, 0.3143, 0.3119



86.1294, 0.3147, 0.3082



58.4511, 0.3201, 0.3207



12.6187, 0.3147, 0.3074



11.1856, 0.3371, 0.1631



0.6788, 0.3340, 0.1614

Inverse Universe

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



58.8346, 0.3143, 0.3119



86.1294, 0.3147, 0.3082



63.8980, 0.3059, 0.3374



12.6187, 0.3147, 0.3074



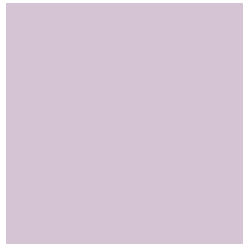
11.1856, 0.3371, 0.1631



0.6788, 0.3340, 0.1614

Previews

White Background



This preview shows how the Yxy color 58.8321, 0.3143, 0.3119 looks on a white background.

Color Contrast Check

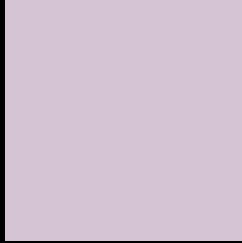
Large Text (above 18pt) WCAG AA × Fail

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 58.8321, 0.3143, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

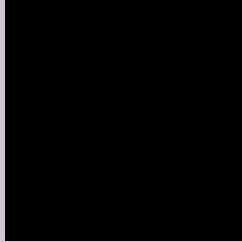
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

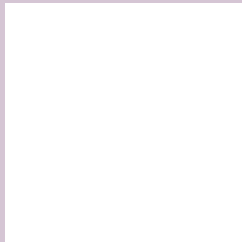
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8321, 0.3143, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 58.8321, 0.3143, 0.3119.

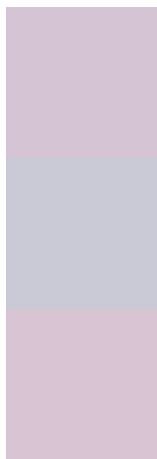


This preview shows how white text looks on a background with the Yxy color 58.8321, 0.3143, 0.3119.

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

58.8321, 0.3143, 0.3119

Protanopia

59.1849, 0.3043, 0.3138

Deuteranopia

58.9850, 0.3175, 0.3109



Tritanopia

58.8321, 0.3143, 0.3119

Trichromacy



Original Color

58.8321, 0.3143, 0.3119

Protanomaly

59.2345, 0.3080, 0.3140

Deuteranomaly

58.8323, 0.3167, 0.3109

Tritanomaly

58.8321, 0.3143, 0.3119

Monochromacy



Original Color

58.8321, 0.3143, 0.3119

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.4949, 0.3138, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8321, 0.3143, 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(213, 197, 212)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 212)  
}
```

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, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 212) }
```

Border

The CSS property to change the border of an element to Yxy 58.8321, 0.3143, 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(213, 197, 212) }
```

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

```
.border{ border-color:rgb(213, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(213, 197,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8321, 0.3143, 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(213, 197, 212) }
```

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

```
.background{ background-color: rgb(213,  
197, 212) }
```

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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