

Converting Colors

Yxy(57.1333, 0.3120, 0.3130)

Have a look what the booklet for
Yxy(57.1333, 0.3120, 0.3130)
contains.

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Color

Yxy(56.8991, 0.3119, 0.3127)

Conversions

Conversions Part 1

Format	Color
Hex	CFC3D1
RGB	207, 195, 209
RGB Percent	81%, 76%, 82%
CMY	0.1883, 0.2353, 0.1804
CMYK	0.01, 0.07, 0.00, 0.18
HSL	291°, 13%, 79%
HSV	291°, 7%, 82%
XYZ	56.7535, 56.8991, 68.3080
YIQ	200.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

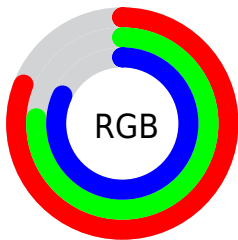
Format	Color
R _{YB}	207, 195, 209
Decimal	13616081
CIE Lab	80.12, 6.72, -5.48
CIE LCh	80, 8.670, 320.771
Yxy	56.8991, 0.3119, 0.3127
Android (android.graphics.Color)	4291806161 (0xFFCFC3D1)
YUV	200.1840, 4.3463, 5.9776
Hunter-Lab	75.4315, 2.2956, -0.8888

Details

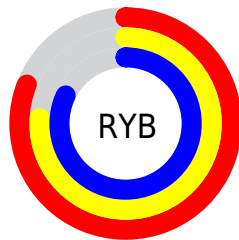
The Yxy color `56.8991, 0.3119, 0.3127` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `61.4097, 0.3134, 0.3457`, and the grayscale version is `57.8503, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.1008, 0.3128, 0.3261`, and `28.1886, 0.3116, 0.3074` is the 20% darker color. If you saturate the color by 10%, you get `47.7554, 0.3104, 0.2874`, and if you desaturate by 10%, it is `67.3666, 0.3131, 0.3368`.

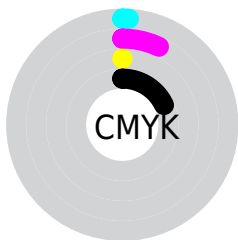
Distribution



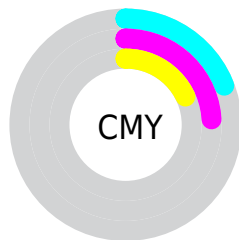
- Red (81%)
- Green (76%)
- Blue (82%)



- Red (81%)
- Yellow (76%)
- Blue (82%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)





- Cyan (19%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8991, 0.3119, 0.3127 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 56.8991, 0.3119, 0.3127 by changing the saturation by 10% instead.


 56.8991, 0.3119,
0.3127

 56.8991, 0.3119,
0.3127


413.0711, 0.3123,
0.3205

 40.9242, 0.3118,
0.3109


 100.3179, 0.3121,
0.3155

 28.2599, 0.3116,
0.3085


128.5307, 0.3121,
0.3165

 18.5217, 0.3114,
0.3055


161.5916, 0.3122,
0.3174

 11.3252, 0.3111,
0.3015

199.8849, 0.3122,
0.3182

 6.2860, 0.3107,
0.2959

243.7952, 0.3123,
0.3189

 3.0197, 0.3099,
0.2872

293.7067, 0.3123,

 1.1421, 0.3083,

0.3195

0.2726

350.0039, 0.3123,
0.3200

0.0136, 0.3005,
0.0231

0.0000, 0.0000,
0.0000

56.8991, 0.3119,
0.3127

56.8991, 0.3119,
0.3127

47.7554, 0.3104,
0.2874

67.3666, 0.3131,
0.3368

39.8741, 0.3085,
0.2616

79.2016, 0.3139,
0.3595

33.1995, 0.3062,
0.2359

90.7159, 0.3147,
0.3778

27.6692, 0.3035,
0.2112

91.1752, 0.3166,
0.3775

■ 23.2151, 0.3004,
0.1887

■ 91.6428, 0.3185,
0.3772

■ 19.7618, 0.2970,
0.1693

■ 92.1187, 0.3204,
0.3769

■ 17.2241, 0.2934,
0.1538

■ 92.6031, 0.3223,
0.3767

■ 15.5025, 0.2897,
0.1427

■ 93.0959, 0.3242,
0.3764

■ 14.4681, 0.2860,
0.1360

■ 93.5972, 0.3261,
0.3761

Harmonies

Analogous

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



56.8991, 0.3010, 0.3098



56.8991, 0.3119, 0.3127



56.8991, 0.3232, 0.3198

Triad

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



56.8991, 0.3119, 0.3127



56.8991, 0.3323, 0.3462



56.8991, 0.2940, 0.3283

Complementary

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



56.8991, 0.3119, 0.3127



61.4097, 0.3134, 0.3457

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.



56.8991, 0.3022, 0.3385



56.8991, 0.3119, 0.3127



56.8991, 0.3243, 0.3489

Square

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



56.8991, 0.3119, 0.3127



56.8991, 0.3351, 0.3389



56.8991, 0.3132, 0.3461



56.8991, 0.2909, 0.3185

Rectangle

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



56.8991, 0.3119, 0.3127



56.8991, 0.3294, 0.3260



56.8991, 0.3132, 0.3461



56.8991, 0.2963, 0.3318

Sweetspot

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



56.9015, 0.3119, 0.3127



96.6510, 0.3125, 0.3241



56.1870, 0.3025, 0.3148



20.7224, 0.3125, 0.3244



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.



56.9015, 0.3119, 0.3127



87.1188, 0.3117, 0.3092



56.9527, 0.3171, 0.3184



11.9198, 0.3115, 0.3059



8.7887, 0.2853, 0.1345



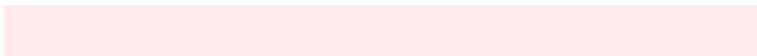
0.5154, 0.2922, 0.1383

Inverse Universe

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



56.6199, 0.3225, 0.3267



86.5926, 0.3247, 0.3262



61.3666, 0.3086, 0.3398



11.8354, 0.3268, 0.3257



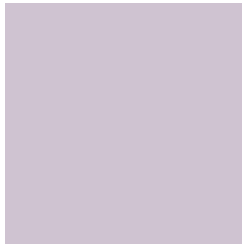
8.4240, 0.6196, 0.3187



0.4801, 0.5760, 0.2947

Previews

White Background



This preview shows how the Yxy color 56.8991, 0.3119, 0.3127 looks on a white background.

Color Contrast Check

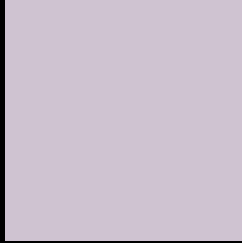
Large Text (above 18pt) WCAG AA × Fail

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 56.8991, 0.3119, 0.3127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

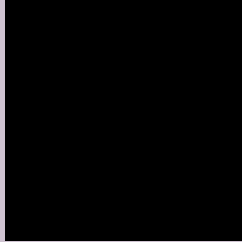
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

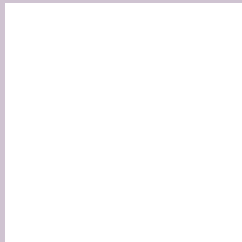
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8991, 0.3119, 0.3127

Background



This preview shows how black text looks on a background with the Yxy color 56.8991, 0.3119, 0.3127.

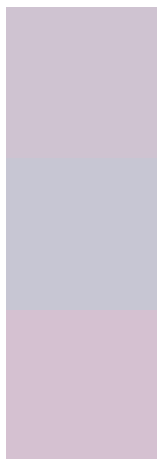


This preview shows how white text looks on a background with the Yxy color 56.8991, 0.3119, 0.3127.

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

56.8991, 0.3119, 0.3127

Protanopia

57.2334, 0.3042, 0.3136

Deuteranopia

56.8895, 0.3168, 0.3106



Tritanopia

56.9488, 0.3112, 0.3115

Trichromacy



Original Color

56.8991, 0.3119, 0.3127

Protanomaly

57.1422, 0.3072, 0.3137

Deuteranomaly

57.0359, 0.3151, 0.3117

Tritanomaly

56.9488, 0.3112, 0.3115

Monochromacy



Original Color

56.8991, 0.3119, 0.3127

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.3965, 0.3130, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8991, 0.3119, 0.3127 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(207, 195, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 209)  
}
```

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(207, 195, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 209) }
```

Border

The CSS property to change the border of an element to Yxy 56.8991, 0.3119, 0.3127 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(207, 195, 209) }
```

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

```
.border{ border-color:rgb(207, 195, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8991, 0.3119, 0.3127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 209) }
```

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

```
.background{ background-color: rgb(207,  
195, 209) }
```

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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