

Converting Colors

Yxy(57.3349, 0.3066, 0.3135)

Have a look what the booklet for
Yxy(57.3349, 0.3066, 0.3135)
contains.

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Color

Yxy(57.1922, 0.3065, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	CAC5D3
RGB	202, 197, 211
RGB Percent	79%, 77%, 83%
CMY	0.2079, 0.2274, 0.1727
CMYK	0.04, 0.07, 0.00, 0.17
HSL	261°, 14%, 80%
HSV	261°, 7%, 83%
XYZ	56.0762, 57.1922, 69.6881
YIQ	200.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

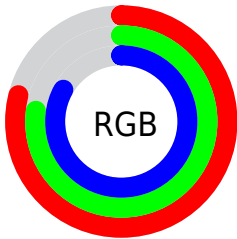
Format	Color
R_{YB}	202, 197, 211
Decimal	13288915
CIE _{Lab}	80.29, 4.32, -6.34
CIE _{LCh}	80, 7.677, 304.276
Yxy	57.1922, 0.3065, 0.3126
Android (android.graphics.Color)	4291478995 (0xFFCAC5D3)
YUV	200.0910, 5.3781, 1.6742
Hunter-Lab	75.6255, 0.0127, -1.6972

Details

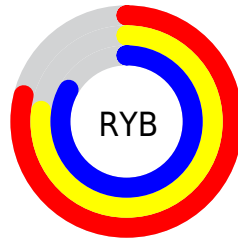
The Yxy color **57.1922, 0.3065, 0.3126** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7224, 0.3187, 0.3453**, and the grayscale version is **57.7845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.3751, 0.3044, 0.3071** is the 20% darker color. If you saturate the color by 10%, you get **46.4648, 0.2958, 0.2857**, and if you desaturate by 10%, it is **69.4315, 0.3157, 0.3370**.

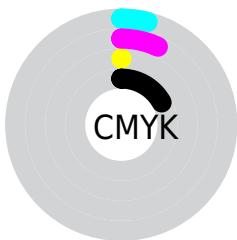
Distribution



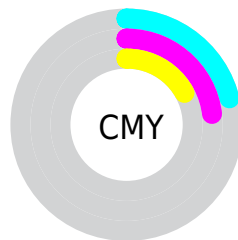
- Red (79%)
- Green (77%)
- Blue (83%)



- Red (79%)
- Yellow (77%)
- Blue (83%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.1922, 0.3065, 0.3126 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 57.1922, 0.3065, 0.3126 by changing the saturation by 10% instead.

■ 57.1922, 0.3065,
0.3126

■ 57.1922, 0.3065,
0.3126

414.1691, 0.3095,
0.3205

■ 41.1596, 0.3058,
0.3107

100.7456, 0.3076,
0.3154

■ 28.4438, 0.3048,
0.3084

129.0351, 0.3080,
0.3164

■ 18.6605, 0.3036,
0.3054

162.1791, 0.3083,
0.3174

■ 11.4252, 0.3020,
0.3013

200.5619, 0.3086,
0.3181

■ 6.3536, 0.2996,
0.2956

244.5679, 0.3089,
0.3188

■ 3.0613, 0.2959,
0.2868

294.5815, 0.3091,

■ 1.1638, 0.2893,

0.3194

0.2720

350.9871, 0.3093,
0.3200

0.0318, 0.2103,
0.0493

0.0000, 0.0000,
0.0000

57.1922, 0.3065,
0.3126

57.1922, 0.3065,
0.3126

46.4648, 0.2958,
0.2857

69.4315, 0.3157,
0.3370

37.1823, 0.2836,
0.2566

83.2317, 0.3234,
0.3588

29.2835, 0.2699,
0.2258

95.2197, 0.3307,
0.3732

22.7000, 0.2548,
0.1942

97.4814, 0.3388,
0.3721

■ 17.3573, 0.2388,
0.1632

■ 13.1733, 0.2225,
0.1345

■ 10.0553, 0.2069,
0.1098

■ 7.8962, 0.1927,
0.0909

■ 6.5588, 0.1807,
0.0783

Harmonies

Analogous

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



57.1922, 0.2982, 0.3124



57.1922, 0.3065, 0.3126



57.1922, 0.3166, 0.3170

Triad

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



57.1922, 0.3065, 0.3126



57.1922, 0.3321, 0.3411



57.1922, 0.2997, 0.3334

Complementary

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



57.1922, 0.3065, 0.3126



63.7224, 0.3187, 0.3453

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.



57.1922, 0.3086, 0.3415



57.1922, 0.3065, 0.3126



57.1922, 0.3273, 0.3458

Square

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



57.1922, 0.3065, 0.3126



57.1922, 0.3315, 0.3333



57.1922, 0.3187, 0.3460



57.1922, 0.2943, 0.3243

Rectangle

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



57.1922, 0.3065, 0.3126



57.1922, 0.3230, 0.3218



57.1922, 0.3187, 0.3460



57.1922, 0.3024, 0.3364

Sweetspot

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



57.1946, 0.3065, 0.3126



96.1725, 0.3109, 0.3241



60.7550, 0.3026, 0.3232



20.6250, 0.3110, 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.



57.1946, 0.3065, 0.3126



85.2648, 0.3050, 0.3088



58.1756, 0.3118, 0.3129



11.6201, 0.3037, 0.3054



3.8022, 0.1785, 0.0757



0.2567, 0.1995, 0.0873

Inverse Universe

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



58.2366, 0.3171, 0.3186



87.2075, 0.3182, 0.3163



62.7595, 0.3135, 0.3455



11.9344, 0.3192, 0.3142



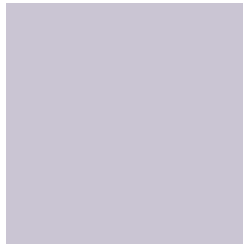
9.4448, 0.4357, 0.2174



0.5429, 0.4093, 0.2029

Previews

White Background



This preview shows how the Yxy color 57.1922, 0.3065, 0.3126 looks on a white background.

Color Contrast Check

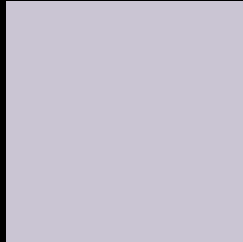
Large Text (above 18pt) WCAG AA × Fail

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 57.1922, 0.3065, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

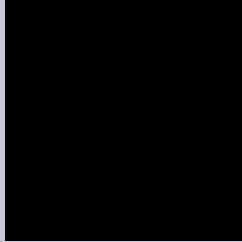
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

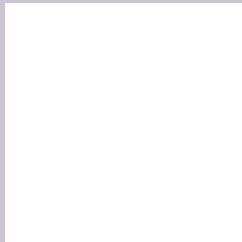
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.1922, 0.3065, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 57.1922, 0.3065, 0.3126.

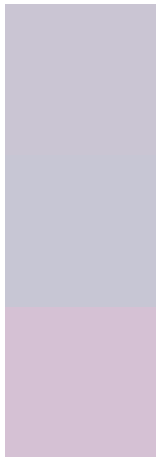


This preview shows how white text looks on a background with the Yxy color 57.1922, 0.3065, 0.3126.

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

57.1922, 0.3065, 0.3126

Protanopia

57.2837, 0.3035, 0.3125

Deuteranopia

57.0395, 0.3145, 0.3072



Tritanopia

57.2425, 0.3058, 0.3114

Trichromacy



Original Color

57.1922, 0.3065, 0.3126

Protanomaly

57.4210, 0.3042, 0.3125

Deuteranomaly

56.8923, 0.3113, 0.3082

Tritanomaly

57.2425, 0.3058, 0.3114

Monochromacy



Original Color

57.1922, 0.3065, 0.3126

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.6240, 0.3107, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1922, 0.3065, 0.3126 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(202, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(202, 197, 211)  
}
```

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(202, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 197, 211) }
```

Border

The CSS property to change the border of an element to Yxy 57.1922, 0.3065, 0.3126 is called "border". The border property can be set on classes, ids or directly on the HTML element.

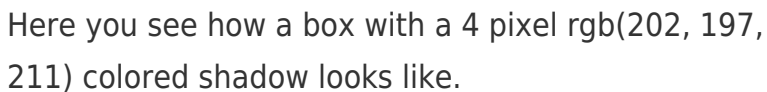
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 197, 211) }
```

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

```
.border{ border-color:rgb(202, 197, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(202, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 197, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 197, 211); box-shadow:4px 4px 4px 4px rgb(202, 197, 211) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1922, 0.3065, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 197, 211) }
```

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

```
.background{ background-color: rgb(202,  
197, 211) }
```

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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