

Converting Colors

Yxy(57.1965, 0.3061, 0.3132)

Have a look what the booklet for
Yxy(57.1965, 0.3061, 0.3132)
contains.

Yxy(57.0532, 0.3057, 0.3125) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(57.0532, 0.3057, 0.3125)

Conversions

Conversions Part 1	
Format	Color
Hex	C9C5D3
RGB	201, 197, 211
RGB Percent	79%, 77%, 83%
CMY	0.2118, 0.2274, 0.1725
CMYK	0.05, 0.07, 0.00, 0.17
HSL	257°, 14%, 80%
HSV	257°, 7%, 83%
XYZ	55.8117, 57.0532, 69.7053
YIQ	199.7920, -2.1100, 5.2020

Conversions

Conversions Part 2

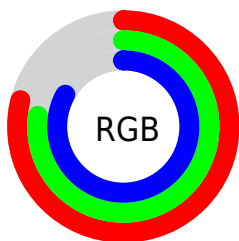
Format	Color
RYB	201, 197, 211
Decimal	13223379
CIELab	80.21, 4.00, -6.49
CIELCh	80, 7.626, 301.635
Yxy	57.0532, 0.3057, 0.3125
Android (android.graphics.Color)	4291413459 (0xFFC9C5D3)
YUV	199.7920, 5.5255, 1.0594
Hunter-Lab	75.5336, -0.2902, -1.8416

Details

The Yxy color `57.0532, 0.3057, 0.3125` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `63.8937, 0.3194, 0.3453`, and the grayscale version is `57.5920, 0.3127, 0.3290`.

A 20% lighter version of the original color is `99.3636, 0.3128, 0.3281`, and `28.2823, 0.3033, 0.3071` is the 20% darker color. If you saturate the color by 10%, you get `46.1447, 0.2938, 0.2854`, and if you desaturate by 10%, it is `69.5132, 0.3160, 0.3369`.

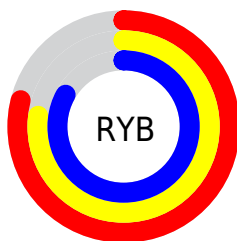
Distribution



Red (79%)

Green (77%)

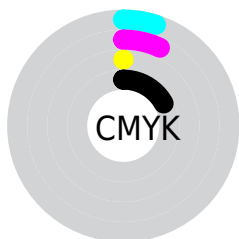
Blue (83%)



Red (79%)

Yellow (77%)

Blue (83%)

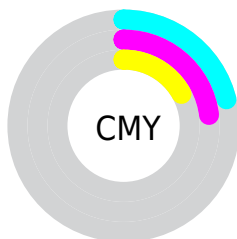


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (21%)


Magenta (23%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0532, 0.3057, 0.3125 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 57.0532, 0.3057, 0.3125 by changing the saturation by 10% instead.


 57.0532, 0.3057,
0.3125

 57.0532, 0.3057,
0.3125

413.6486, 0.3091,
0.3204

 41.0480, 0.3049,
0.3106

100.5428, 0.3069,
0.3153

 28.3566, 0.3038,
0.3083


128.7960, 0.3074,
0.3164

 18.5946, 0.3025,
0.3052


161.9005, 0.3078,
0.3173

 11.3777, 0.3006,
0.3011

200.2409, 0.3081,
0.3181

 6.3215, 0.2979,
0.2953

244.2016, 0.3084,
0.3188

 3.0415, 0.2938,
0.2865


294.1668, 0.3087,


 1.1535, 0.2864,


0.3194


0.2715

350.5210, 0.3089,
0.3199


 0.0232, 0.1924,
0.0373


 0.0000, 0.0000,
0.0000


 57.0532, 0.3057,
0.3125


 57.0532, 0.3057,
0.3125


 46.1447, 0.2938,
0.2854


 69.5132, 0.3160,
0.3369

 36.7191, 0.2801,
0.2558

 83.5753, 0.3248,
0.3586

 28.7134, 0.2649,
0.2243

 95.8629, 0.3330,
0.3729

 22.0573, 0.2482,
0.1918

 97.4837, 0.3388,
0.3721

■ 16.6743, 0.2308,
0.1598

■ 12.4799, 0.2134,
0.1301

■ 9.3793, 0.1969,
0.1048

■ 7.2625, 0.1825,
0.0854

■ 5.9891, 0.1710,
0.0730

Harmonies

Analogous

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



57.0532, 0.2977, 0.3127



57.0532, 0.3057, 0.3125



57.0532, 0.3157, 0.3165

Triad

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



57.0532, 0.3057, 0.3125



57.0532, 0.3321, 0.3404



57.0532, 0.3005, 0.3342

Complementary

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



57.0532, 0.3057, 0.3125



63.8937, 0.3194, 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.



57.0532, 0.3095, 0.3420



57.0532, 0.3057, 0.3125



57.0532, 0.3279, 0.3455

Square

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



57.0532, 0.3057, 0.3125



57.0532, 0.3311, 0.3325



57.0532, 0.3196, 0.3461



57.0532, 0.2947, 0.3251

Rectangle

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



57.0532, 0.3057, 0.3125



57.0532, 0.3222, 0.3211



57.0532, 0.3196, 0.3461



57.0532, 0.3032, 0.3371

Sweetspot

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



57.0556, 0.3057, 0.3125



96.1041, 0.3107, 0.3241



61.2211, 0.3025, 0.3243



20.6110, 0.3108, 0.3243



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.



57.0556, 0.3057, 0.3125



85.0059, 0.3041, 0.3087



58.0450, 0.3111, 0.3128



11.5785, 0.3026, 0.3053



3.4661, 0.1690, 0.0704



0.2342, 0.1890, 0.0815

Inverse Universe

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



58.2912, 0.3164, 0.3175



87.2990, 0.3173, 0.3149



62.9104, 0.3142, 0.3455



11.9492, 0.3181, 0.3125



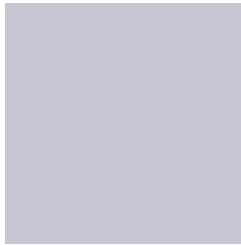
9.7218, 0.4083, 0.2023



0.5569, 0.3886, 0.1915

Previews

White Background



This preview shows how the Yxy color 57.0532, 0.3057, 0.3125 looks on a white background.

Color Contrast Check

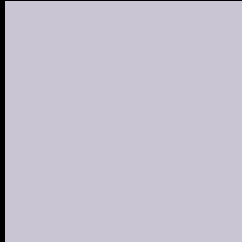
Large Text (above 18pt) WCAG AA × Fail

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 57.0532, 0.3057, 0.3125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

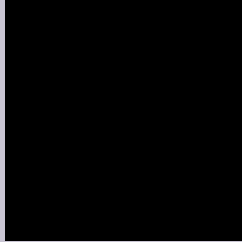
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

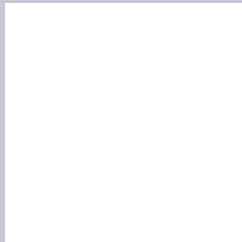
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0532, 0.3057, 0.3125

Background



This preview shows how black text looks on a background with the Yxy color 57.0532, 0.3057, 0.3125.

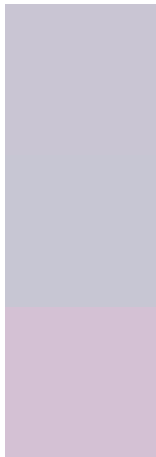


This preview shows how white text looks on a background with the Yxy color 57.0532, 0.3057, 0.3125.

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

57.0532, 0.3057, 0.3125

Protanopia

57.2334, 0.3042, 0.3136

Deuteranopia

56.8904, 0.3137, 0.3072



Tritanopia

57.1035, 0.3050, 0.3114

Trichromacy



Original Color
57.0532, 0.3057, 0.3125

Protanomaly
57.3707, 0.3049, 0.3137

Deuteranomaly
56.7469, 0.3105, 0.3081

Tritanomaly
57.1035, 0.3050, 0.3114

Monochromacy



Original Color
57.0532, 0.3057, 0.3125

Achromatopsia
57.7580, 0.3127, 0.3290

Achromatomaly
57.4858, 0.3099, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0532, 0.3057, 0.3125 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(201, 197, 211) looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 197, 211) }
```

Border

The CSS property to change the border of an element to Yxy 57.0532, 0.3057, 0.3125 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(201, 197, 211) }
```

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

```
.border{ border-color:rgb(201, 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(201, 197, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 197,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0532, 0.3057, 0.3125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 197, 211) }
```

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

```
.background{ background-color: rgb(201,  
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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor