

Converting Colors

Yxy(57.5169, 0.3037, 0.3074)

Have a look what the booklet for
Yxy(57.5169, 0.3037, 0.3074)
contains.

Yxy(57.5869, 0.3037, 0.3069)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.5869, 0.3037, 0.3069)

Conversions

Conversions Part 1

Format	Color
Hex	CBC5D8
RGB	203, 197, 216
RGB Percent	80%, 77%, 85%
CMY	0.2039, 0.2274, 0.1530
CMYK	0.06, 0.09, 0.00, 0.15
HSL	259°, 20%, 81%
HSV	259°, 9%, 85%
XYZ	56.9865, 57.5869, 73.0672
YIQ	200.9600, -2.5230, 7.1810

Conversions

Conversions Part 2

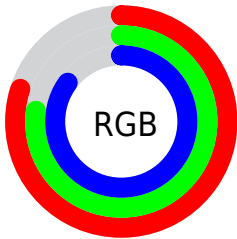
Format	Color
R _Y B	203, 197, 216
Decimal	13354456
CIE Lab	80.51, 5.63, -8.71
CIE LCh	81, 10.366, 302.884
Yxy	57.5869, 0.3037, 0.3069
Android (android.graphics.Color)	4291544536 (0xFFCBC5D8)
YUV	200.9600, 7.4147, 1.7891
Hunter-Lab	75.8860, 1.2436, -3.9675

Details

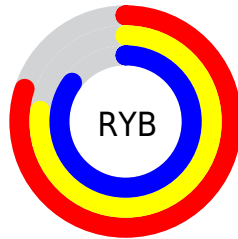
The Yxy color **57.5869, 0.3037, 0.3069** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8379, 0.3212, 0.3508**, and the grayscale version is **58.3374, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **28.6077, 0.3016, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **46.4948, 0.2919, 0.2793**, and if you desaturate by 10%, it is **70.2872, 0.3139, 0.3319**.

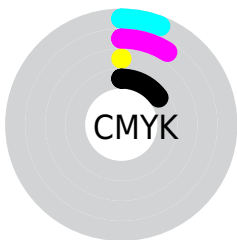
Distribution



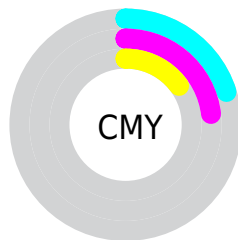
- Red (80%)
- Green (77%)
- Blue (85%)



- Red (80%)
- Yellow (77%)
- Blue (85%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.5869, 0.3037, 0.3069 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 57.5869, 0.3037, 0.3069 by changing the saturation by 10% instead.

■ 57.5869, 0.3037,
0.3069

■ 57.5869, 0.3037,
0.3069

415.6449, 0.3081,
0.3174

■ 41.4766, 0.3026,
0.3044

101.3210, 0.3053,
0.3106

■ 28.6917, 0.3013,
0.3013

129.7137, 0.3059,
0.3120

■ 18.8477, 0.2995,
0.2973

162.9693, 0.3064,
0.3133

■ 11.5603, 0.2972,
0.2919

201.4722, 0.3068,
0.3143

■ 6.4450, 0.2937,
0.2844

245.6068, 0.3072,
0.3152

■ 3.1175, 0.2884,
0.2731

295.7575, 0.3075,

■ 1.1934, 0.2790,

0.3161

0.2541

352.3088, 0.3078,
0.3168

0.0563, 0.2082,
0.0614

0.0000, 0.0000,
0.0000

57.5869, 0.3037,
0.3069

57.5869, 0.3037,
0.3069

46.4948, 0.2919,
0.2793

70.2872, 0.3139,
0.3319

36.9386, 0.2785,
0.2494

84.6495, 0.3226,
0.3542

28.8512, 0.2635,
0.2179

96.3156, 0.3308,
0.3677

22.1577, 0.2473,
0.1857

97.7371, 0.3358,
0.3671

■ 16.7765, 0.2303,
0.1544

■ 12.6172, 0.2134,
0.1258

■ 9.5773, 0.1975,
0.1019

■ 7.5370, 0.1837,
0.0842

■ 6.3131, 0.1724,
0.0729

Harmonies

Analogous

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



57.5869, 0.2927, 0.3068



57.5869, 0.3037, 0.3069



57.5869, 0.3173, 0.3126

Triad

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



57.5869, 0.3037, 0.3069



57.5869, 0.3390, 0.3447



57.5869, 0.2957, 0.3355

Complementary

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



57.5869, 0.3037, 0.3069



66.8379, 0.3212, 0.3508

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.



57.5869, 0.3078, 0.3463



57.5869, 0.3037, 0.3069



57.5869, 0.3328, 0.3515

Square

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



57.5869, 0.3037, 0.3069



57.5869, 0.3379, 0.3341



57.5869, 0.3214, 0.3522



57.5869, 0.2882, 0.3231

Rectangle

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



57.5869, 0.3037, 0.3069



57.5869, 0.3260, 0.3188



57.5869, 0.3214, 0.3522



57.5869, 0.2993, 0.3395

Sweetspot

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



57.5893, 0.3037, 0.3069



94.2360, 0.3097, 0.3216



63.0666, 0.2992, 0.3223



19.8486, 0.3089, 0.3196



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.



57.5893, 0.3037, 0.3069



79.9290, 0.3011, 0.3007



58.9190, 0.3108, 0.3074



12.1968, 0.3030, 0.3052



3.7157, 0.1726, 0.0725



0.2678, 0.1918, 0.0830

Inverse Universe

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



59.1865, 0.3181, 0.3143



82.8340, 0.3197, 0.3103



65.5266, 0.3144, 0.3512



12.5629, 0.3185, 0.3132



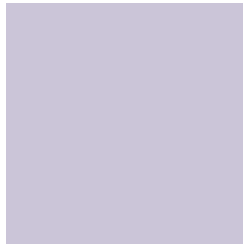
9.9246, 0.4198, 0.2086



0.6133, 0.3986, 0.1969

Previews

White Background



This preview shows how the Yxy color 57.5869, 0.3037, 0.3069 looks on a white background.

Color Contrast Check

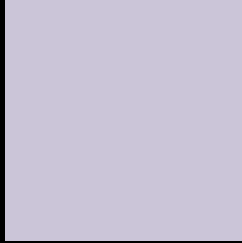
Large Text (above 18pt) WCAG AA × Fail

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 57.5869, 0.3037, 0.3069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

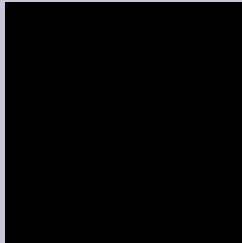
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5869, 0.3037, 0.3069

Background



This preview shows how black text looks on a background with the Yxy color 57.5869, 0.3037, 0.3069.



This preview shows how white text looks on a background with the Yxy color 57.5869, 0.3037, 0.3069.

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

57.5869, 0.3037, 0.3069

Protanopia

57.4037, 0.2992, 0.3067

Deuteranopia

57.4422, 0.3092, 0.3027



Tritanopia

57.4331, 0.3058, 0.3103

Trichromacy



Original Color

57.5869, 0.3037, 0.3069

Protanomaly

57.6773, 0.3007, 0.3068

Deuteranomaly

57.4499, 0.3069, 0.3037

Tritanomaly

57.4841, 0.3051, 0.3092

Monochromacy



Original Color

57.5869, 0.3037, 0.3069

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3213, 0.3100, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5869, 0.3037, 0.3069 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(203, 197, 216)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 216)  
}
```

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(203, 197, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 216) }
```

Border

The CSS property to change the border of an element to Yxy 57.5869, 0.3037, 0.3069 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(203, 197, 216) }
```

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

```
.border{ border-color:rgb(203, 197, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 216);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5869, 0.3037, 0.3069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 216) }
```

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

```
.background{ background-color: rgb(203,  
197, 216) }
```

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