

Converting Colors

$Yxy(57.8233, 0.3022, 0.3077)$

Have a look what the booklet for
Yxy(57.8233, 0.3022, 0.3077)
contains.

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Color

Yxy(57.7635, 0.3022, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	C9C6D8
RGB	201, 198, 216
RGB Percent	79%, 78%, 85%
CMY	0.2117, 0.2235, 0.1531
CMYK	0.07, 0.08, 0.00, 0.15
HSL	250°, 19%, 81%
HSV	250°, 8%, 85%
XYZ	56.6757, 57.7635, 73.1046
YIQ	200.9490, -3.9900, 6.2340

Conversions

Conversions Part 2

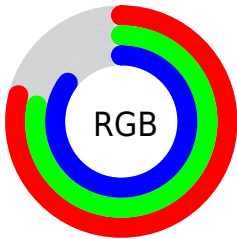
Format	Color
R_{YB}	201, 198, 216
Decimal	13223640
CIE _{Lab}	80.61, 4.44, -8.57
CIE _{LCh}	81, 9.645, 297.379
Yxy	57.7635, 0.3022, 0.3080
Android (android.graphics.Color)	4291413720 (0xFFC9C6D8)
YUV	200.9490, 7.4201, 0.0447
Hunter-Lab	76.0023, 0.1054, -3.8279

Details

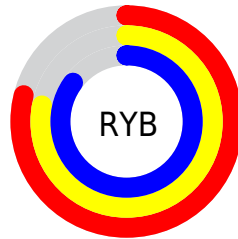
The Yxy color **57.7635, 0.3022, 0.3080** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.3111, 0.3227, 0.3494**, and the grayscale version is **58.3321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.7228, 0.2996, 0.3026** is the 20% darker color. If you saturate the color by 10%, you get **46.2394, 0.2879, 0.2800**, and if you desaturate by 10%, it is **70.9916, 0.3147, 0.3330**.

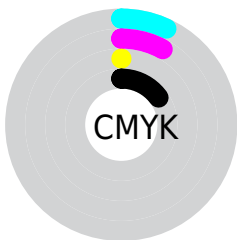
Distribution



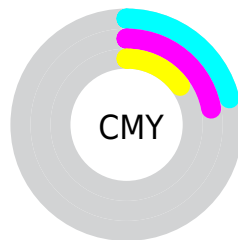
- Red (79%)
- Green (78%)
- Blue (85%)



- Red (79%)
- Yellow (78%)
- Blue (85%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7635, 0.3022, 0.3080 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 57.7635, 0.3022, 0.3080 by changing the saturation by 10% instead.

■ 57.7635, 0.3022,
0.3080

■ 57.7635, 0.3022,
0.3080

416.3041, 0.3073,
0.3180

■ 41.6185, 0.3010,
0.3056

101.5784, 0.3040,
0.3115

■ 28.8027, 0.2994,
0.3027

130.0171, 0.3047,
0.3129

■ 18.9316, 0.2974,
0.2988

163.3225, 0.3053,
0.3141

■ 11.6209, 0.2947,
0.2937

201.8791, 0.3058,
0.3151

■ 6.4861, 0.2908,
0.2865

246.0711, 0.3063,
0.3159

■ 3.1428, 0.2847,
0.2756

296.2830, 0.3066,

■ 1.2068, 0.2742,

0.3167

0.2574

352.8992, 0.3070,
0.3174

0.0672, 0.1889,
0.0737

0.0000, 0.0000,
0.0000

57.7635, 0.3022,
0.3080

57.7635, 0.3022,
0.3080

46.2394, 0.2879,
0.2800

70.9916, 0.3147,
0.3330

36.3428, 0.2716,
0.2492

85.9816, 0.3254,
0.3550

28.0020, 0.2538,
0.2163

97.7241, 0.3357,
0.3671

21.1372, 0.2347,
0.1823

97.7361, 0.3358,
0.3671

■ 15.6614, 0.2153,
0.1491

■ 11.4784, 0.1967,
0.1188

■ 8.4796, 0.1803,
0.0937

■ 6.5381, 0.1671,
0.0756

■ 5.4715, 0.1580,
0.0651

Harmonies

Analogous

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



57.7635, 0.2928, 0.3090



57.7635, 0.3022, 0.3080



57.7635, 0.3146, 0.3124

Triad

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



57.7635, 0.3022, 0.3080



57.7635, 0.3374, 0.3420



57.7635, 0.2987, 0.3371

Complementary

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



57.7635, 0.3022, 0.3080



67.3111, 0.3227, 0.3494

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.



57.7635, 0.3104, 0.3465



57.7635, 0.3022, 0.3080



57.7635, 0.3329, 0.3492

Square

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



57.7635, 0.3022, 0.3080



57.7635, 0.3352, 0.3317



57.7635, 0.3230, 0.3509



57.7635, 0.2908, 0.3256

Rectangle

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



57.7635, 0.3022, 0.3080



57.7635, 0.3230, 0.3178



57.7635, 0.3230, 0.3509



57.7635, 0.3023, 0.3407

Sweetspot

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



57.7659, 0.3022, 0.3080



95.9930, 0.3103, 0.3241



64.5372, 0.2999, 0.3255



20.5884, 0.3104, 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.



57.7659, 0.3022, 0.3080



80.9907, 0.2998, 0.3032



59.0445, 0.3090, 0.3084



12.1078, 0.3007, 0.3051



3.1910, 0.1577, 0.0642



0.2239, 0.1726, 0.0724

Inverse Universe

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



59.7854, 0.3159, 0.3121



84.5232, 0.3166, 0.3084



66.0082, 0.3161, 0.3499



12.5953, 0.3163, 0.3098



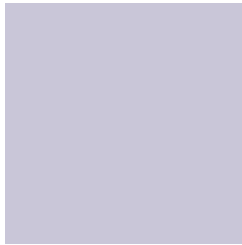
10.5996, 0.3682, 0.1802



0.6490, 0.3587, 0.1749

Previews

White Background



This preview shows how the Yxy color 57.7635, 0.3022, 0.3080 looks on a white background.

Color Contrast Check

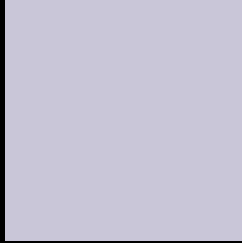
Large Text (above 18pt) WCAG AA × Fail

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 57.7635, 0.3022, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

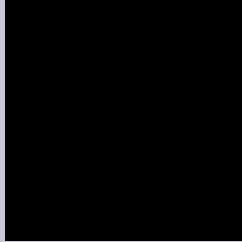
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

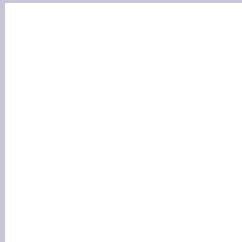
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7635, 0.3022, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 57.7635, 0.3022, 0.3080.

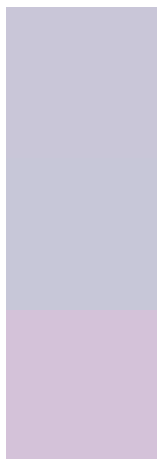


This preview shows how white text looks on a background with the Yxy color 57.7635, 0.3022, 0.3080.

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

57.7635, 0.3022, 0.3080

Protanopia

57.9468, 0.3007, 0.3091

Deuteranopia

57.5904, 0.3100, 0.3028



Tritanopia

57.6607, 0.3036, 0.3102

Trichromacy



Original Color

57.7635, 0.3022, 0.3080

Protanomaly

58.0841, 0.3014, 0.3091

Deuteranomaly

57.4499, 0.3069, 0.3037

Tritanomaly

57.7120, 0.3029, 0.3091

Monochromacy



Original Color

57.7635, 0.3022, 0.3080

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1823, 0.3092, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7635, 0.3022, 0.3080 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, 198, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 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(201, 198, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 216) }
```

Border

The CSS property to change the border of an element to Yxy 57.7635, 0.3022, 0.3080 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, 198, 216) }
```

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

```
.border{ border-color:rgb(201, 198, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 198, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 198, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 198, 216);  
box-shadow:4px 4px 4px 4px rgb(201, 198,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7635, 0.3022, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 216) }
```

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

```
.background{ background-color: rgb(201,  
198, 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](#).

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