

Converting Colors

Yxy(57.7928, 0.2979, 0.3041)

Have a look what the booklet for
Yxy(57.7928, 0.2979, 0.3041)
contains.

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Color

Yxy(57.6976, 0.2979, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	C7C6DC
RGB	199, 198, 220
RGB Percent	78%, 78%, 86%
CMY	0.2195, 0.2235, 0.1372
CMYK	0.10, 0.10, 0.00, 0.14
HSL	243°, 24%, 82%
HSV	243°, 10%, 86%
XYZ	56.6703, 57.6976, 75.8648
YIQ	200.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

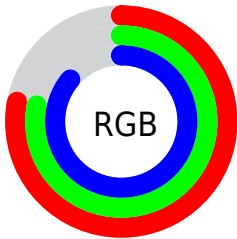
Format	Color
R_{YB}	199, 198, 220
Decimal	13092572
CIE _{Lab}	80.57, 4.58, -10.81
CIE _{LCh}	81, 11.736, 292.974
Yxy	57.6976, 0.2979, 0.3033
Android (android.graphics.Color)	4291282652 (0xFFC7C6DC)
YUV	200.8070, 9.4621, -1.5847
Hunter-Lab	75.9589, 0.2446, -6.0453

Details

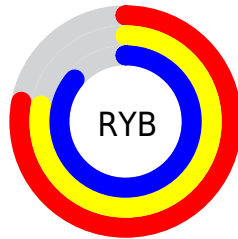
The Yxy color **57.6976, 0.2979, 0.3033** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3253, 0.3268, 0.3536**, and the grayscale version is **58.2295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **28.6829, 0.2939, 0.2964** is the 20% darker color. If you saturate the color by 10%, you get **45.6876, 0.2811, 0.2743**, and if you desaturate by 10%, it is **71.5688, 0.3127, 0.3290**.

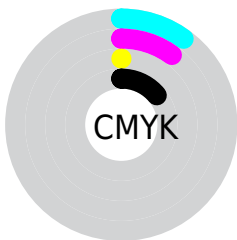
Distribution



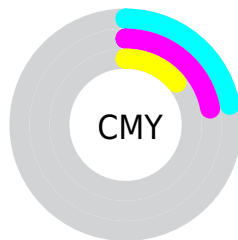
- Red (78%)
- Green (78%)
- Blue (86%)



- Red (78%)
- Yellow (78%)
- Blue (86%)



- Cyan (10%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (22%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6976, 0.2979, 0.3033 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 57.6976, 0.2979, 0.3033 by changing the saturation by 10% instead.

■ 57.6976, 0.2979,
0.3033

■ 57.6976, 0.2979,
0.3033

416.0582, 0.3051,
0.3155

■ 41.5656, 0.2962,
0.3004

101.4824, 0.3005,
0.3076

■ 28.7613, 0.2940,
0.2968

129.9039, 0.3014,
0.3093

■ 18.9003, 0.2912,
0.2921

163.1907, 0.3023,
0.3107

■ 11.5983, 0.2874,
0.2859

201.7273, 0.3030,
0.3119

■ 6.4708, 0.2819,
0.2772

245.8979, 0.3036,
0.3130

■ 3.1334, 0.2736,
0.2641

296.0870, 0.3042,

■ 1.2018, 0.2592,

0.3140

0.2425

352.6789, 0.3046,
0.3148

0.0631, 0.1622,
0.0596

0.0000, 0.0000,
0.0000

57.6976, 0.2979,
0.3033

57.6976, 0.2979,
0.3033

45.6876, 0.2811,
0.2743

71.5688, 0.3127,
0.3290

35.4527, 0.2623,
0.2422

87.3680, 0.3256,
0.3514

26.9110, 0.2420,
0.2078

97.9477, 0.3333,
0.3631

19.9711, 0.2210,
0.1725

■ 14.5332, 0.2004,
0.1384

■ 10.4862, 0.1819,
0.1082

■ 7.7036, 0.1669,
0.0843

■ 6.0358, 0.1566,
0.0686

■ 5.2338, 0.1512,
0.0606

Harmonies

Analogous

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



57.6976, 0.2873, 0.3054



57.6976, 0.2979, 0.3033



57.6976, 0.3127, 0.3077

Triad

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



57.6976, 0.2979, 0.3033



57.6976, 0.3430, 0.3431



57.6976, 0.2975, 0.3409

Complementary

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



57.6976, 0.2979, 0.3033



70.3253, 0.3268, 0.3536

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.



57.6976, 0.3122, 0.3517



57.6976, 0.2979, 0.3033



57.6976, 0.3386, 0.3526

Square

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



57.6976, 0.2979, 0.3033



57.6976, 0.3390, 0.3303



57.6976, 0.3272, 0.3559



57.6976, 0.2871, 0.3268

Rectangle

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



57.6976, 0.2979, 0.3033



57.6976, 0.3230, 0.3138



57.6976, 0.3272, 0.3559



57.6976, 0.3021, 0.3450

Sweetspot

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



57.7000, 0.2979, 0.3033



93.8586, 0.3084, 0.3216



67.9796, 0.2974, 0.3281



19.7471, 0.3073, 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.



57.7000, 0.2979, 0.3033



76.8870, 0.2945, 0.2975



59.2178, 0.3060, 0.3039



12.6460, 0.2988, 0.3049



3.0847, 0.1515, 0.0608



0.2103, 0.1562, 0.0634

Inverse Universe

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



60.7176, 0.3146, 0.3057



81.9151, 0.3150, 0.3007



68.7168, 0.3189, 0.3542



13.2638, 0.3145, 0.3070



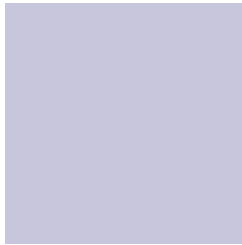
11.6584, 0.3329, 0.1607



0.7586, 0.3307, 0.1596

Previews

White Background



This preview shows how the Yxy color 57.6976, 0.2979, 0.3033 looks on a white background.

Color Contrast Check

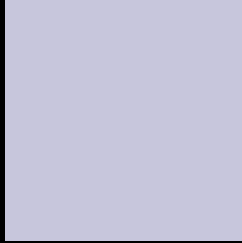
Large Text (above 18pt) WCAG AA × Fail

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 57.6976, 0.2979, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

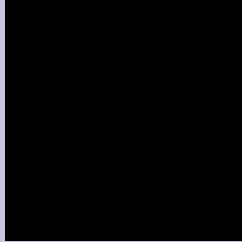
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

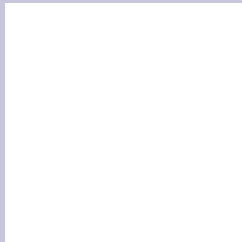
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.6976, 0.2979, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 57.6976, 0.2979, 0.3033.

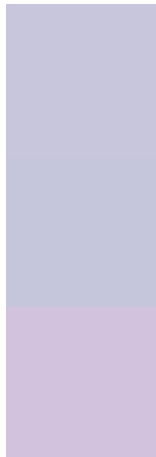


This preview shows how white text looks on a background with the Yxy color 57.6976, 0.2979, 0.3033.

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

57.6976, 0.2979, 0.3033

Protanopia

57.4258, 0.2964, 0.3032

Deuteranopia

57.5057, 0.3056, 0.2982



Tritanopia

57.7589, 0.3006, 0.3102

Trichromacy



Original Color

57.6976, 0.2979, 0.3033

Protanomaly

57.5612, 0.2971, 0.3033

Deuteranomaly

57.3725, 0.3025, 0.2991

Tritanomaly

57.8624, 0.2992, 0.3079

Monochromacy



Original Color

57.6976, 0.2979, 0.3033

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.1420, 0.3070, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6976, 0.2979, 0.3033 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(199, 198, 220)` looks like.

```
.text, #text, p{  
    color:rgb(199, 198, 220)  
}
```

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(199, 198, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 198, 220) }
```

Border

The CSS property to change the border of an element to Yxy 57.6976, 0.2979, 0.3033 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(199, 198, 220) }
```

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

```
.border{ border-color:rgb(199, 198, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 198, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 198, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 198, 220);  
box-shadow:4px 4px 4px 4px rgb(199, 198,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6976, 0.2979, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 198, 220) }
```

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

```
.background{ background-color: rgb(199,  
198, 220) }
```

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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