

Converting Colors

Yxy(55.9487, 0.2972, 0.2974)

Have a look what the booklet for
Yxy(55.9487, 0.2972, 0.2974)
contains.

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Color

Yxy(55.9461, 0.2972, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C7C2DD
RGB	199, 194, 221
RGB Percent	78%, 76%, 87%
CMY	0.2194, 0.2393, 0.1333
CMYK	0.10, 0.12, 0.00, 0.13
HSL	251°, 28%, 81%
HSV	251°, 12%, 87%
XYZ	55.9085, 55.9461, 76.2628
YIQ	198.5730, -5.6870, 9.4570

Conversions

Conversions Part 2

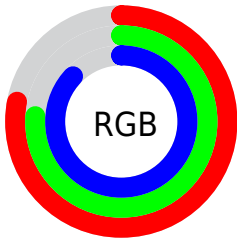
Format	Color
R _{YB}	199, 194, 221
Decimal	13091549
CIE Lab	79.58, 6.94, -12.82
CIE LCh	80, 14.576, 298.440
Yxy	55.9461, 0.2972, 0.2974
Android (android.graphics.Color)	4291281629 (0xFFC7C2DD)
YUV	198.5730, 11.0565, 0.3745
Hunter-Lab	74.7971, 2.5281, -8.0938

Details

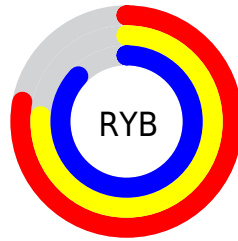
The Yxy color **55.9461, 0.2972, 0.2974** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.1996, 0.3271, 0.3594**, and the grayscale version is **56.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **27.5291, 0.2929, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **44.5194, 0.2825, 0.2683**, and if you desaturate by 10%, it is **69.1301, 0.3101, 0.3236**.

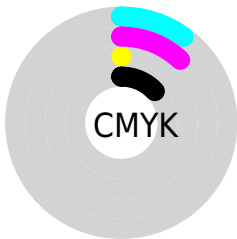
Distribution



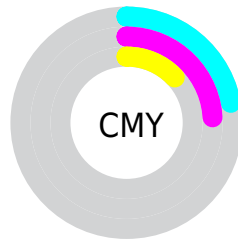
- Red (78%)
- Green (76%)
- Blue (87%)



- Red (78%)
- Yellow (76%)
- Blue (87%)



- Cyan (10%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.9461, 0.2972, 0.2974 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 55.9461, 0.2972, 0.2974 by changing the saturation by 10% instead.

■ 55.9461, 0.2972,
0.2974

■ 55.9461, 0.2972,
0.2974

409.4883, 0.3048,
0.3125

■ 40.1597, 0.2954,
0.2939

■ 98.9258, 0.2999,
0.3027

■ 27.6631, 0.2930,
0.2894

126.8878, 0.3009,
0.3048

■ 18.0718, 0.2900,
0.2837

159.6772, 0.3018,
0.3065

■ 11.0016, 0.2859,
0.2761

197.6784, 0.3026,
0.3080

■ 6.0679, 0.2799,
0.2654

241.2757, 0.3032,
0.3093

■ 2.8864, 0.2707,
0.2494

290.8535, 0.3038,

■ 1.0727, 0.2547,

0.3105

0.2231

346.7963, 0.3043,
0.3115

0.0000, 0.1293,
0.0000

0.0000, 0.0000,
0.0000

55.9461, 0.2972,
0.2974

55.9461, 0.2972,
0.2974

44.5194, 0.2825,
0.2683

69.1301, 0.3101,
0.3236

34.7684, 0.2659,
0.2367

84.1341, 0.3212,
0.3468

26.6159, 0.2479,
0.2033

97.6064, 0.3314,
0.3623

19.9755, 0.2289,
0.1696

98.0008, 0.3327,
0.3621

■ 14.7526, 0.2099,
0.1374

■ 10.8420, 0.1920,
0.1090

■ 8.1232, 0.1766,
0.0866

■ 6.4529, 0.1647,
0.0716

■ 5.7029, 0.1581,
0.0645

Harmonies

Analogous

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



55.9461, 0.2828, 0.2984



55.9461, 0.2972, 0.2974



55.9461, 0.3162, 0.3043

Triad

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



55.9461, 0.2972, 0.2974



55.9461, 0.3505, 0.3490



55.9461, 0.2908, 0.3408

Complementary

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



55.9461, 0.2972, 0.2974



70.1996, 0.3271, 0.3594

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.



55.9461, 0.3084, 0.3557



55.9461, 0.2972, 0.2974



55.9461, 0.3431, 0.3600

Square

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



55.9461, 0.2972, 0.2974



55.9461, 0.3474, 0.3335



55.9461, 0.3276, 0.3627



55.9461, 0.2792, 0.3229

Rectangle

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



55.9461, 0.2972, 0.2974



55.9461, 0.3289, 0.3124



55.9461, 0.3276, 0.3627



55.9461, 0.2962, 0.3464

Sweetspot

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



55.9485, 0.2972, 0.2974



92.1264, 0.3079, 0.3191



65.8273, 0.2940, 0.3232



19.4117, 0.3070, 0.3172



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.



55.9485, 0.2972, 0.2974



72.5539, 0.2931, 0.2893



57.8620, 0.3075, 0.2984



12.7343, 0.3010, 0.3050



3.3490, 0.1591, 0.0650



0.2521, 0.1740, 0.0732

Inverse Universe

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



58.9047, 0.3179, 0.3045



77.5227, 0.3193, 0.2985



68.2435, 0.3173, 0.3604



13.2307, 0.3166, 0.3102



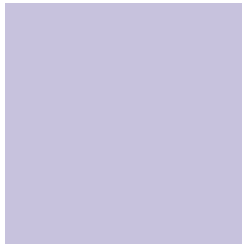
10.8478, 0.3747, 0.1838



0.7138, 0.3644, 0.1781

Previews

White Background



This preview shows how the Yxy color 55.9461, 0.2972, 0.2974 looks on a white background.

Color Contrast Check

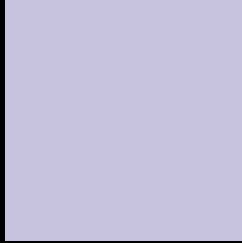
Large Text (above 18pt) WCAG AA × Fail

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 55.9461, 0.2972, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

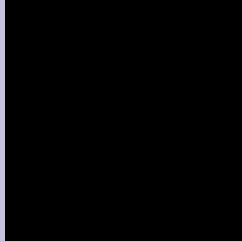
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9461, 0.2972, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 55.9461, 0.2972, 0.2974.



This preview shows how white text looks on a background with the Yxy color 55.9461, 0.2972, 0.2974.

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

55.9461, 0.2972, 0.2974

Protanopia

56.0912, 0.2920, 0.2983

Deuteranopia

55.8989, 0.3017, 0.2955



Tritanopia

56.0533, 0.3027, 0.3111

Trichromacy



Original Color

55.9461, 0.2972, 0.2974

Protanomaly

55.9062, 0.2935, 0.2972

Deuteranomaly

56.0569, 0.3002, 0.2965

Tritanomaly

55.9423, 0.3006, 0.3054

Monochromacy



Original Color

55.9461, 0.2972, 0.2974

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5796, 0.3070, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9461, 0.2972, 0.2974 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, 194, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 194, 221)  
}
```

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, 194, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 194, 221) }
```

Border

The CSS property to change the border of an element to Yxy 55.9461, 0.2972, 0.2974 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, 194, 221) }
```

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

```
.border{ border-color:rgb(199, 194, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 194, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 194, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 194, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 194,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9461, 0.2972, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 194, 221) }
```

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

```
.background{ background-color: rgb(199,  
194, 221) }
```

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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