

Converting Colors

$Y_{xy}(55.7087, 0.2995, 0.2971)$

Have a look what the booklet for
Yxy(55.7087, 0.2995, 0.2971)
contains.

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Color

Yxy(55.7247, 0.2994, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	C9C1DC
RGB	201, 193, 220
RGB Percent	79%, 76%, 86%
CMY	0.2116, 0.2432, 0.1373
CMYK	0.09, 0.12, 0.00, 0.14
HSL	258°, 28%, 81%
HSV	258°, 12%, 86%
XYZ	56.0806, 55.7247, 75.5046
YIQ	198.4700, -3.8990, 10.0930

Conversions

Conversions Part 2

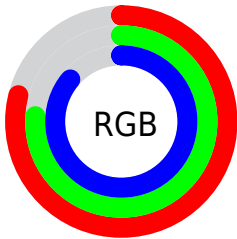
Format	Color
R_{YB}	201, 193, 220
Decimal	13222364
CIE _{Lab}	79.46, 7.92, -12.44
CIE _{LCh}	79, 14.748, 302.459
Yxy	55.7247, 0.2994, 0.2975
Android (android.graphics.Color)	4291412444 (0xFFC9C1DC)
YUV	198.4700, 10.6143, 2.2188
Hunter-Lab	74.6490, 3.4637, -7.7153

Details

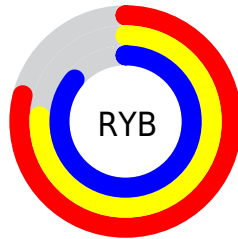
The Yxy color **55.7247, 0.2994, 0.2975** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.0237, 0.3250, 0.3597**, and the grayscale version is **56.7120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2314, 0.3130, 0.3233**, and **27.6758, 0.2958, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **44.6781, 0.2867, 0.2689**, and if you desaturate by 10%, it is **68.4382, 0.3104, 0.3235**.

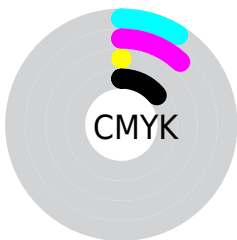
Distribution



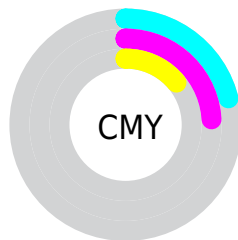
- Red (79%)
- Green (76%)
- Blue (86%)



- Red (79%)
- Yellow (76%)
- Blue (86%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (24%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.7247, 0.2994, 0.2975 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 55.7247, 0.2994, 0.2975 by changing the saturation by 10% instead.

■ 55.7247, 0.2994,
0.2975

■ 55.7247, 0.2994,
0.2975

408.6532, 0.3059,
0.3125

■ 39.9822, 0.2978,
0.2940

■ 98.6019, 0.3017,
0.3028

■ 27.5247, 0.2958,
0.2895

126.5055, 0.3026,
0.3048

■ 17.9677, 0.2931,
0.2839

159.2316, 0.3034,
0.3066

■ 10.9268, 0.2895,
0.2763

197.1646, 0.3040,
0.3081

■ 6.0176, 0.2843,
0.2656

240.6888, 0.3046,
0.3094

■ 2.8558, 0.2762,
0.2497

290.1887, 0.3051,

■ 1.0569, 0.2618,

0.3105

0.2235

346.0487, 0.3055,
0.3116

■ 0.0000, 0.1447,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7247, 0.2994,
0.2975

■ 55.7247, 0.2994,
0.2975

■ 44.6781, 0.2867,
0.2689

■ 68.4382, 0.3104,
0.3235

■ 35.2214, 0.2723,
0.2382

■ 82.8773, 0.3199,
0.3468

■ 27.2818, 0.2565,
0.2060

■ 96.5315, 0.3284,
0.3637

■ 20.7782, 0.2395,
0.1737

■ 97.9469, 0.3334,
0.3631

■ 15.6215, 0.2221,
0.1429

■ 11.7127, 0.2052,
0.1155

■ 8.9383, 0.1899,
0.0935

■ 7.1631, 0.1770,
0.0782

■ 6.3070, 0.1689,
0.0704

Harmonies

Analogous

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



55.7247, 0.2839, 0.2973



55.7247, 0.2994, 0.2975



55.7247, 0.3189, 0.3054

Triad

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



55.7247, 0.2994, 0.2975



55.7247, 0.3506, 0.3511



55.7247, 0.2885, 0.3386

Complementary

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



55.7247, 0.2994, 0.2975



69.0237, 0.3250, 0.3597

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.



55.7247, 0.3057, 0.3544



55.7247, 0.2994, 0.2975



55.7247, 0.3418, 0.3613

Square

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



55.7247, 0.2994, 0.2975



55.7247, 0.3489, 0.3357



55.7247, 0.3253, 0.3628



55.7247, 0.2778, 0.3205

Rectangle

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



55.7247, 0.2994, 0.2975



55.7247, 0.3316, 0.3142



55.7247, 0.3253, 0.3628



55.7247, 0.2937, 0.3444

Sweetspot

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



55.7271, 0.2994, 0.2975



92.3303, 0.3086, 0.3191



63.7630, 0.2938, 0.3200



19.4631, 0.3078, 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.



55.7271, 0.2994, 0.2975



73.2328, 0.2959, 0.2896



57.6230, 0.3095, 0.2985



12.8041, 0.3027, 0.3052



3.7523, 0.1703, 0.0712



0.2871, 0.1880, 0.0809

Inverse Universe

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



58.1042, 0.3201, 0.3077



77.2653, 0.3221, 0.3025



67.1538, 0.3154, 0.3607



13.2054, 0.3183, 0.3127



10.3299, 0.4132, 0.2050



0.6841, 0.3946, 0.1947

Previews

White Background



This preview shows how the Yxy color 55.7247, 0.2994, 0.2975 looks on a white background.

Color Contrast Check

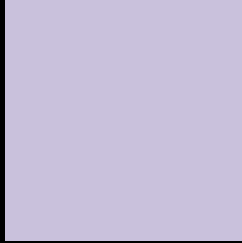
Large Text (above 18pt) WCAG AA × Fail

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 55.7247, 0.2994, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

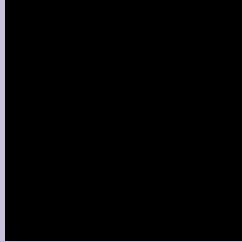
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.7247, 0.2994, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 55.7247, 0.2994, 0.2975.



This preview shows how white text looks on a background with the Yxy color 55.7247, 0.2994, 0.2975.

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

55.7247, 0.2994, 0.2975

Protanopia

55.6416, 0.2920, 0.2971

Deuteranopia

55.8457, 0.3024, 0.2966



Tritanopia

55.8255, 0.3049, 0.3112

Trichromacy



Original Color

55.7247, 0.2994, 0.2975

Protanomaly

55.5398, 0.2949, 0.2972

Deuteranomaly

55.7040, 0.3017, 0.2965

Tritanomaly

55.7180, 0.3029, 0.3054

Monochromacy



Original Color

55.7247, 0.2994, 0.2975

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.0782, 0.3078, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.7247, 0.2994, 0.2975 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, 193, 220)` looks like.

```
.text, #text, p{  
    color:rgb(201, 193, 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(201, 193, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 193, 220) }
```

Border

The CSS property to change the border of an element to Yxy 55.7247, 0.2994, 0.2975 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, 193, 220) }
```

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

```
.border{ border-color:rgb(201, 193, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 193, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 193, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 193, 220);  
box-shadow:4px 4px 4px 4px rgb(201, 193,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 55.7247, 0.2994, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 193, 220) }
```

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

```
.background{ background-color: rgb(201,  
193, 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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