

Converting Colors

$Y_{xy}(56.7909, 0.2955, 0.2838)$

Have a look what the booklet for
Yxy(56.7909, 0.2955, 0.2838)
contains.

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Color

Yxy(56.7909, 0.2955, 0.2838)

Conversions

Conversions Part 1

Format	Color
Hex	CFC0E8
RGB	207, 192, 232
RGB Percent	81%, 75%, 91%
CMY	0.1885, 0.2469, 0.0902
CMYK	0.11, 0.17, 0.00, 0.09
HSL	262°, 46%, 83%
HSV	262°, 17%, 91%
XYZ	59.1322, 56.7909, 84.1858
YIQ	201.0450, -3.9000, 15.6200

Conversions

Conversions Part 2

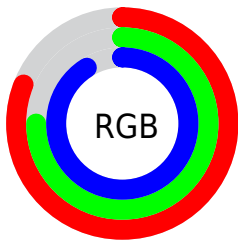
Format	Color
R _Y B	207, 192, 232
Decimal	13615336
CIE Lab	80.06, 12.78, -17.94
CIE LCh	80, 22.028, 305.464
Yxy	56.7909, 0.2955, 0.2838
Android (android.graphics.Color)	4291805416 (0xFFCFC0E8)
YUV	201.0450, 15.2608, 5.2225
Hunter-Lab	75.3597, 8.1832, -13.4822

Details

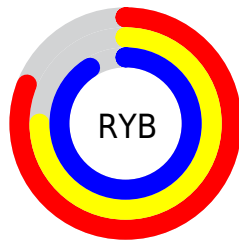
The Yxy color **56.7909, 0.2955, 0.2838** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.2845, 0.3279, 0.3733**, and the grayscale version is **58.3400, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6148, 0.3130, 0.3223**, and **28.2752, 0.2908, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **45.3947, 0.2834, 0.2545**, and if you desaturate by 10%, it is **69.9908, 0.3060, 0.3109**.

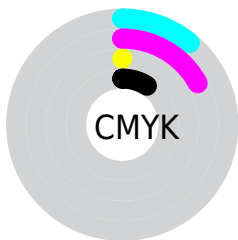
Distribution



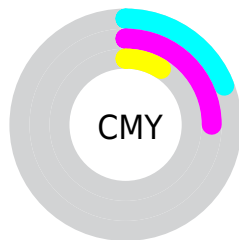
- Red (81%)
- Green (75%)
- Blue (91%)



- Red (81%)
- Yellow (75%)
- Blue (91%)



- Cyan (11%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)





- Cyan (19%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7909, 0.2955, 0.2838 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 56.7909, 0.2955, 0.2838 by changing the saturation by 10% instead.


 56.7909, 0.2955,
0.2838

 56.7909, 0.2955,
0.2838


412.6653, 0.3040,
0.3050

 40.8374, 0.2934,
0.2789


 100.1600, 0.2985,
0.2912

 28.1920, 0.2908,
0.2728


128.3444, 0.2997,
0.2941

 18.4705, 0.2874,
0.2650


161.3746, 0.3007,
0.2965

 11.2883, 0.2827,
0.2548

199.6348, 0.3015,
0.2987

 6.2611, 0.2760,
0.2408

243.5097, 0.3023,
0.3006

 3.0045, 0.2657,
0.2205

293.3834, 0.3029,

 1.1341, 0.2479,

0.3022

0.1888

349.6405, 0.3035,
0.3037

0.0068, 0.1968,
0.0042

0.0000, 0.0000,
0.0000

56.7909, 0.2955,
0.2838

56.7909, 0.2955,
0.2838

45.3947, 0.2834,
0.2545

69.9908, 0.3060,
0.3109

35.7149, 0.2698,
0.2235

85.0624, 0.3151,
0.3356

27.6673, 0.2549,
0.1919

97.7771, 0.3233,
0.3515

21.1580, 0.2391,
0.1611

98.6060, 0.3262,
0.3513

■ 16.0827, 0.2230,
0.1328

■ 12.3239, 0.2076,
0.1087

■ 9.7446, 0.1936,
0.0905

■ 8.1664, 0.1818,
0.0785

■ 7.8285, 0.1788,
0.0759

Harmonies

Analogous

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



56.7909, 0.2721, 0.2820



56.7909, 0.2955, 0.2838



56.7909, 0.3246, 0.2963

Triad

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



56.7909, 0.2955, 0.2838



56.7909, 0.3685, 0.3631



56.7909, 0.2748, 0.3404

Complementary

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



56.7909, 0.2955, 0.2838



76.2845, 0.3279, 0.3733

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.



56.7909, 0.2992, 0.3653



56.7909, 0.2955, 0.2838



56.7909, 0.3536, 0.3778

Square

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



56.7909, 0.2955, 0.2838



56.7909, 0.3678, 0.3407



56.7909, 0.3281, 0.3792



56.7909, 0.2606, 0.3132

Rectangle

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



56.7909, 0.2955, 0.2838



56.7909, 0.3432, 0.3093



56.7909, 0.3281, 0.3792



56.7909, 0.2820, 0.3494

Sweetspot

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



56.7933, 0.2955, 0.2838



90.6481, 0.3082, 0.3166



66.8382, 0.2859, 0.3122



19.1313, 0.3075, 0.3148



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.



56.7933, 0.2955, 0.2838



64.6412, 0.2910, 0.2727



59.8146, 0.3106, 0.2858



14.1476, 0.3038, 0.3051



4.4122, 0.1805, 0.0768



0.3776, 0.1968, 0.0858

Inverse Universe

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



59.8816, 0.3259, 0.3018



69.2434, 0.3295, 0.2954



73.4371, 0.3141, 0.3752



14.5193, 0.3195, 0.3144



10.6928, 0.4426, 0.2212



0.8080, 0.4202, 0.2088

Previews

White Background



This preview shows how the Yxy color 56.7909, 0.2955, 0.2838 looks on a white background.

Color Contrast Check

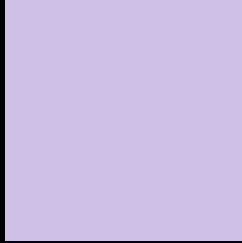
Large Text (above 18pt) WCAG AA × Fail

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 56.7909, 0.2955, 0.2838 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 56.7909, 0.2955, 0.2838

Background



This preview shows how black text looks on a background with the Yxy color 56.7909, 0.2955, 0.2838.



This preview shows how white text looks on a background with the Yxy color 56.7909, 0.2955, 0.2838.

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

56.7909, 0.2955, 0.2838

Protanopia

57.0070, 0.2821, 0.2849

Deuteranopia

56.9663, 0.2919, 0.2856



Tritanopia

57.0204, 0.3081, 0.3114

Trichromacy



Original Color

56.7909, 0.2955, 0.2838

Protanomaly

56.8410, 0.2869, 0.2842

Deuteranomaly

56.8035, 0.2933, 0.2846

Tritanomaly

57.1238, 0.3031, 0.3013

Monochromacy



Original Color

56.7909, 0.2955, 0.2838

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.8381, 0.3065, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7909, 0.2955, 0.2838 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(207, 192, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 232)  
}
```

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(207, 192, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 232) }
```

Border

The CSS property to change the border of an element to Yxy 56.7909, 0.2955, 0.2838 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(207, 192, 232) }
```

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

```
.border{ border-color:rgb(207, 192, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7909, 0.2955, 0.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 232) }
```

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

```
.background{ background-color: rgb(207,  
192, 232) }
```

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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