

Converting Colors

Yxy(58.4919, 0.2805, 0.2682)

Have a look what the booklet for
Yxy(58.4919, 0.2805, 0.2682)
contains.

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Color

Yxy(58.4889, 0.2802, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	CAC3FA
RGB	202, 195, 250
RGB Percent	79%, 76%, 98%
CMY	0.2079, 0.2353, 0.0194
CMYK	0.19, 0.22, 0.00, 0.02
HSL	248°, 85%, 87%
HSV	248°, 22%, 98%
XYZ	61.1286, 58.4889, 98.5432
YIQ	203.3630, -13.4830, 18.5890

Conversions

Conversions Part 2

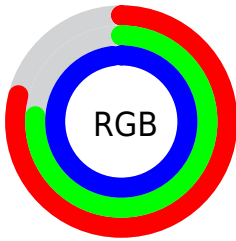
Format	Color
R _Y B	202, 195, 250
Decimal	13288442
CIE Lab	81.01, 13.44, -26.20
CIE LCh	81, 29.448, 297.166
Yxy	58.4889, 0.2802, 0.2681
Android (android.graphics.Color)	4291478522 (0xFFCAC3FA)
YUV	203.3630, 22.9920, -1.1954
Hunter-Lab	76.4780, 8.8379, -22.8615

Details

The Yxy color **58.4889, 0.2802, 0.2681** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **91.4032, 0.3413, 0.3850**, and the grayscale version is **59.8208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **29.1031, 0.2718, 0.2537** is the 20% darker color. If you saturate the color by 10%, you get **45.3756, 0.2624, 0.2358**, and if you desaturate by 10%, it is **73.9139, 0.2962, 0.2977**.

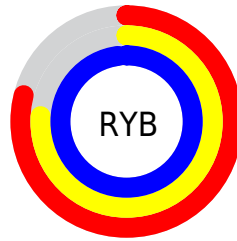
Distribution



Red (79%)

Green (76%)

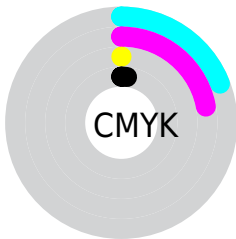
Blue (98%)



Red (79%)

Yellow (76%)

Blue (98%)

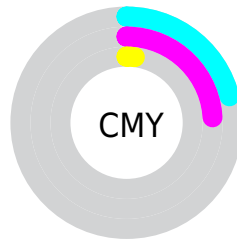


Cyan (19%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4889, 0.2802, 0.2681 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 58.4889, 0.2802, 0.2681 by changing the saturation by 10% instead.

■ 58.4889, 0.2802,
0.2681

■ 58.4889, 0.2802,
0.2681

■ 419.0052, 0.2959,
0.2963

■ 42.2018, 0.2765,
0.2617

■ 102.6345, 0.2858,
0.2779

■ 29.2594, 0.2718,
0.2538

■ 131.2617, 0.2879,
0.2817

■ 19.2771, 0.2657,
0.2439

■ 164.7712, 0.2897,
0.2849

■ 11.8707, 0.2577,
0.2311

■ 203.5473, 0.2913,
0.2878

■ 6.6557, 0.2465,
0.2139

■ 247.9743, 0.2927,
0.2903

■ 3.2477, 0.2300,
0.1898

■ 298.4367, 0.2939,

■ 1.2624, 0.2038,

0.2925

0.1545

355.3189, 0.2950,
0.2945

0.1118, 0.1510,
0.0389

0.0000, 0.0000,
0.0000

58.4889, 0.2802,
0.2681

58.4889, 0.2802,
0.2681

45.3756, 0.2624,
0.2358

73.9139, 0.2962,
0.2977

34.4556, 0.2431,
0.2016

91.7472, 0.3101,
0.3241

25.6105, 0.2230,
0.1669

99.6847, 0.3156,
0.3337

18.7080, 0.2032,
0.1339

■ 13.6005, 0.1851,
0.1051

■ 10.1188, 0.1701,
0.0828

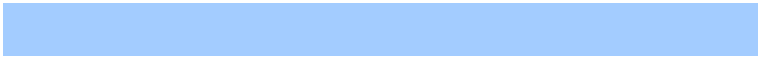
■ 8.0608, 0.1593,
0.0684

■ 7.2071, 0.1539,
0.0621

Harmonies

Analogous

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



58.4889, 0.2535, 0.2695



58.4889, 0.2802, 0.2681



58.4889, 0.3172, 0.2808

Triad

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



58.4889, 0.2802, 0.2681



58.4889, 0.3886, 0.3653



58.4889, 0.2704, 0.3541

Complementary

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



58.4889, 0.2802, 0.2681



91.4032, 0.3413, 0.3850

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.



58.4889, 0.3047, 0.3850



58.4889, 0.2802, 0.2681



58.4889, 0.3737, 0.3891

Square

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



58.4889, 0.2802, 0.2681



58.4889, 0.3818, 0.3347



58.4889, 0.3426, 0.3976



58.4889, 0.2480, 0.3169

Rectangle

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



58.4889, 0.2802, 0.2681



58.4889, 0.3430, 0.2957



58.4889, 0.3426, 0.3976



58.4889, 0.2809, 0.3658

Sweetspot

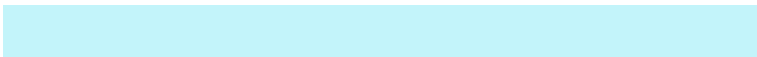
The Sweet Spot groups the original color and five complimentary colors.



58.4913, 0.2802, 0.2681



86.2980, 0.3034, 0.3113



82.9807, 0.2794, 0.3220



18.2312, 0.3025, 0.3097



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.



58.4913, 0.2802, 0.2681



55.3709, 0.2733, 0.2554



62.5859, 0.2996, 0.2714



16.7484, 0.2999, 0.3046



3.8544, 0.1547, 0.0626



0.3892, 0.1628, 0.0671

Inverse Universe

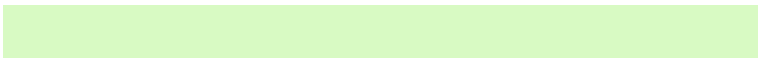
The Inverse Universe completely reimagines the original color for something new.



65.8389, 0.3203, 0.2807



64.2166, 0.3220, 0.2717



86.9518, 0.3233, 0.3883



17.4845, 0.3157, 0.3085



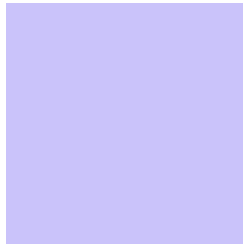
13.4889, 0.3558, 0.1734



1.2596, 0.3510, 0.1707

Previews

White Background



This preview shows how the Yxy color 58.4889, 0.2802, 0.2681 looks on a white background.

Color Contrast Check

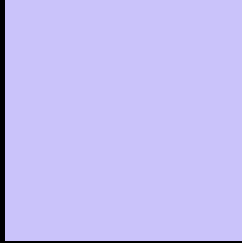
Large Text (above 18pt) WCAG AA × Fail

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 58.4889, 0.2802, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

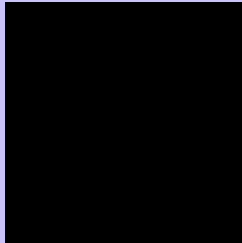
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4889, 0.2802, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 58.4889, 0.2802, 0.2681.

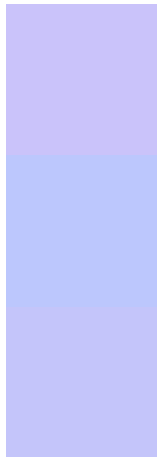


This preview shows how white text looks on a background with the Yxy color 58.4889, 0.2802, 0.2681.

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

58.4889, 0.2802, 0.2681

Protanopia

58.6301, 0.2693, 0.2681

Deuteranopia

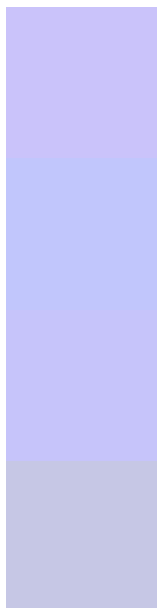
58.5704, 0.2763, 0.2697



Tritanopia

58.5188, 0.2977, 0.3102

Trichromacy



Original Color

58.4889, 0.2802, 0.2681

Protanomaly

58.7539, 0.2731, 0.2685

Deuteranomaly

58.3877, 0.2775, 0.2688

Tritanomaly

58.5098, 0.2911, 0.2944

Monochromacy



Original Color

58.4889, 0.2802, 0.2681

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1724, 0.3009, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4889, 0.2802, 0.2681 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(202, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 195, 250)  
}
```

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(202, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 195, 250) }
```

Border

The CSS property to change the border of an element to Yxy 58.4889, 0.2802, 0.2681 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(202, 195, 250) }
```

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

```
.border{ border-color:rgb(202, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 195,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4889, 0.2802, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 195, 250) }
```

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

```
.background{ background-color: rgb(202,  
195, 250) }
```

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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