

Converting Colors

Yxy(55.8183, 0.2951, 0.2798)

Have a look what the booklet for
Yxy(55.8183, 0.2951, 0.2798)
contains.

Yxy(55.5438, 0.2948, 0.2793)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.5438, 0.2948, 0.2793)

Conversions

Conversions Part 1

Format	Color
Hex	CFBDE9
RGB	207, 189, 233
RGB Percent	81%, 74%, 91%
CMY	0.1884, 0.2587, 0.0864
CMYK	0.11, 0.19, 0.00, 0.09
HSL	264°, 50%, 83%
HSV	264°, 19%, 91%
XYZ	58.6263, 55.5438, 84.6978
YIQ	199.3980, -3.3960, 17.5000

Conversions

Conversions Part 2

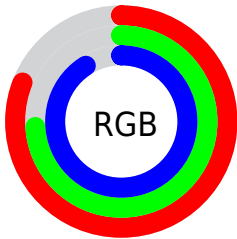
Format	Color
R _Y B	207, 189, 233
Decimal	13614569
CIE Lab	79.35, 14.61, -19.53
CIE LCh	79, 24.395, 306.800
Yxy	55.5438, 0.2948, 0.2793
Android (android.graphics.Color)	4291804649 (0xFFCFBDE9)
YUV	199.3980, 16.5658, 6.6670
Hunter-Lab	74.5277, 9.9912, -15.2114

Details

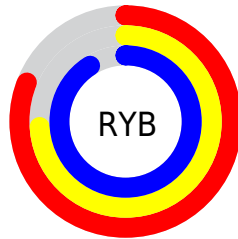
The Yxy color $55.5438, 0.2948, 0.2793$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $76.3864, 0.3282, 0.3779$, and the grayscale version is $57.2661, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $27.4580, 0.2897, 0.2679$ is the 20% darker color. If you saturate the color by 10%, you get $44.4149, 0.2832, 0.2499$, and if you desaturate by 10%, it is $68.4606, 0.3049, 0.3067$.

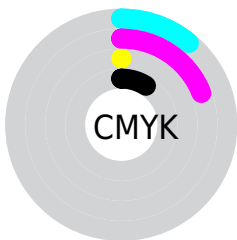
Distribution



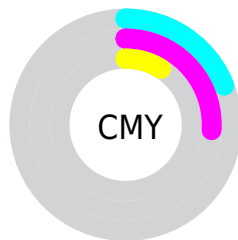
- Red (81%)
- Green (74%)
- Blue (91%)



- Red (81%)
- Yellow (74%)
- Blue (91%)



- Cyan (11%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)




- Cyan (19%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.5438, 0.2948, 0.2793 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 55.5438, 0.2948, 0.2793 by changing the saturation by 10% instead.


 55.5438, 0.2948,
0.2793

 55.5438, 0.2948,
0.2793

407.9700, 0.3037,
0.3026

 39.8373, 0.2926,
0.2739

 98.3373, 0.2980,
0.2874

 27.4117, 0.2898,
0.2672


126.1930, 0.2992,
0.2906

 17.8827, 0.2862,
0.2587


158.8672, 0.3003,
0.2933

 10.8658, 0.2812,
0.2475

196.7444, 0.3011,
0.2957

 5.9766, 0.2741,
0.2323

240.2088, 0.3019,
0.2977

 2.8309, 0.2629,
0.2102

289.6450, 0.3026,

 1.0441, 0.2437,

0.2995

0.1760

345.4372, 0.3032,
0.3012

0.0000, 0.1789,
0.0000

0.0000, 0.0000,
0.0000

55.5438, 0.2948,
0.2793

55.5438, 0.2948,
0.2793

44.4149, 0.2832,
0.2499

68.4606, 0.3049,
0.3067

34.9857, 0.2701,
0.2191

83.2341, 0.3136,
0.3317

27.1710, 0.2558,
0.1880

97.4164, 0.3213,
0.3506

20.8753, 0.2407,
0.1580

98.6614, 0.3256,
0.3503

■ 15.9924, 0.2253,
0.1308

■ 12.4022, 0.2105,
0.1081

■ 9.9628, 0.1971,
0.0911

■ 8.4629, 0.1856,
0.0800

■ 8.3206, 0.1844,
0.0789

Harmonies

Analogous

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



55.5438, 0.2685, 0.2766



55.5438, 0.2948, 0.2793



55.5438, 0.3273, 0.2936

Triad

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



55.5438, 0.2948, 0.2793



55.5438, 0.3745, 0.3676



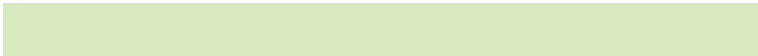
55.5438, 0.2695, 0.3402

Complementary

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



55.5438, 0.2948, 0.2793



76.3864, 0.3282, 0.3779

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.



55.5438, 0.2962, 0.3687



55.5438, 0.2948, 0.2793



55.5438, 0.3572, 0.3838

Square

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



55.5438, 0.2948, 0.2793



55.5438, 0.3747, 0.3429



55.5438, 0.3282, 0.3850



55.5438, 0.2545, 0.3099

Rectangle

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



55.5438, 0.2948, 0.2793



55.5438, 0.3480, 0.3081



55.5438, 0.3282, 0.3850



55.5438, 0.2773, 0.3505

Sweetspot

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



55.5461, 0.2948, 0.2793



88.9469, 0.3075, 0.3140



65.5027, 0.2833, 0.3088



18.7917, 0.3070, 0.3123



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.



55.5461, 0.2948, 0.2793



62.1198, 0.2900, 0.2670



58.8739, 0.3115, 0.2817



14.8492, 0.3044, 0.3051



4.7909, 0.1860, 0.0798



0.4312, 0.2015, 0.0883

Inverse Universe

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



58.6305, 0.3286, 0.3008



66.6705, 0.3330, 0.2941



73.3276, 0.3132, 0.3802



15.2036, 0.3200, 0.3151



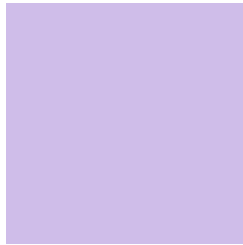
10.8941, 0.4572, 0.2292



0.8745, 0.4331, 0.2160

Previews

White Background



This preview shows how the Yxy color 55.5438, 0.2948, 0.2793 looks on a white background.

Color Contrast Check

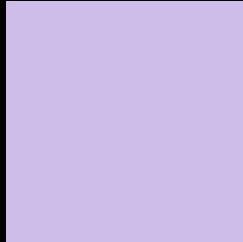
Large Text (above 18pt) WCAG AA × Fail

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 55.5438, 0.2948, 0.2793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

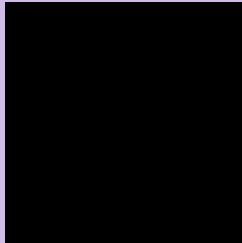
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5438, 0.2948, 0.2793

Background



This preview shows how black text looks on a background with the Yxy color 55.5438, 0.2948, 0.2793.



This preview shows how white text looks on a background with the Yxy color 55.5438, 0.2948, 0.2793.

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

55.5438, 0.2948, 0.2793

Protanopia

55.8360, 0.2786, 0.2801

Deuteranopia

55.5312, 0.2888, 0.2829



Tritanopia

55.4399, 0.3088, 0.3101

Trichromacy



Original Color

55.5438, 0.2948, 0.2793

Protanomaly

55.7982, 0.2841, 0.2795

Deuteranomaly

55.5053, 0.2910, 0.2820

Tritanomaly

55.5986, 0.3031, 0.2988

Monochromacy



Original Color

55.5438, 0.2948, 0.2793

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.2899, 0.3065, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5438, 0.2948, 0.2793 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, 189, 233)` looks like.

```
.text, #text, p{  
    color:rgb(207, 189, 233)  
}
```

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, 189, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 189, 233) }
```

Border

The CSS property to change the border of an element to Yxy 55.5438, 0.2948, 0.2793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

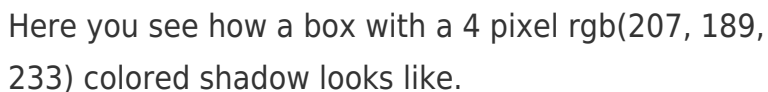
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 189, 233) }
```

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

```
.border{ border-color:rgb(207, 189, 233) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 189, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 189, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 189, 233);  
box-shadow:4px 4px 4px 4px rgb(207, 189,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5438, 0.2948, 0.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 189, 233) }
```

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

```
.background{ background-color: rgb(207,  
189, 233) }
```

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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