

Converting Colors

$Y_{xy}(55.0011, 0.2838, 0.2604)$

Have a look what the booklet for
Yxy(55.0011, 0.2838, 0.2604)
contains.

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Color

Yxy(55.0169, 0.2838, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	CEBAF8
RGB	206, 186, 248
RGB Percent	81%, 73%, 97%
CMY	0.1922, 0.2706, 0.0273
CMYK	0.17, 0.25, 0.00, 0.03
HSL	259°, 82%, 85%
HSV	259°, 25%, 97%
XYZ	59.9608, 55.0169, 96.3007
YIQ	199.0480, -7.9820, 23.5220

Conversions

Conversions Part 2

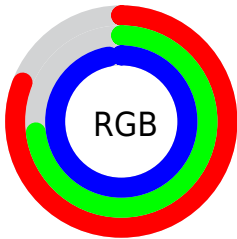
Format	Color
R _Y B	206, 186, 248
Decimal	13548280
CIE Lab	79.05, 19.12, -28.10
CIE LCh	79, 33.987, 304.237
Yxy	55.0169, 0.2838, 0.2604
Android (android.graphics.Color)	4291738360 (0xFFCEBAF8)
YUV	199.0480, 24.1333, 6.0969
Hunter-Lab	74.1734, 14.4937, -25.0560

Details

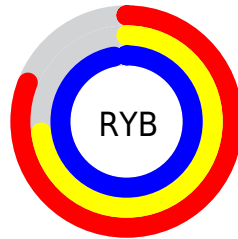
The Yxy color **55.0169, 0.2838, 0.2604** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.2075, 0.3369, 0.3946**, and the grayscale version is **56.9995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **27.1160, 0.2763, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **43.1812, 0.2694, 0.2291**, and if you desaturate by 10%, it is **68.9283, 0.2966, 0.2897**.

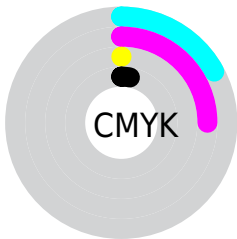
Distribution



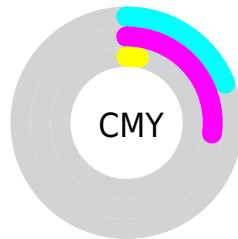
- Red (81%)
- Green (73%)
- Blue (97%)



- Red (81%)
- Yellow (73%)
- Blue (97%)



- Cyan (17%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (19%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.0169, 0.2838, 0.2604 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 55.0169, 0.2838, 0.2604 by changing the saturation by 10% instead.

■ 55.0169, 0.2838,
0.2604

■ 55.0169, 0.2838,
0.2604

405.9760, 0.2981,
0.2921

■ 39.4153, 0.2803,
0.2532

■ 97.5657, 0.2889,
0.2714

■ 27.0829, 0.2759,
0.2444

125.2817, 0.2909,
0.2757

■ 17.6355, 0.2702,
0.2332

157.8045, 0.2925,
0.2794

■ 10.6886, 0.2624,
0.2188

195.5187, 0.2940,
0.2826

■ 5.8579, 0.2515,
0.1996

238.8085, 0.2952,
0.2854

■ 2.7588, 0.2350,
0.1729

288.0584, 0.2963,

■ 1.0072, 0.2082,

0.2879

0.1343

343.6528, 0.2973,
0.2901

0.0000, 0.1459,
0.0000

0.0000, 0.0000,
0.0000

55.0169, 0.2838,
0.2604

55.0169, 0.2838,
0.2604

43.1812, 0.2694,
0.2291

68.9283, 0.2966,
0.2897

33.3127, 0.2535,
0.1968

85.0032, 0.3077,
0.3165

25.3030, 0.2367,
0.1649

99.5600, 0.3167,
0.3357

19.0302, 0.2197,
0.1351

■ 14.3576, 0.2034,
0.1094

■ 11.1266, 0.1887,
0.0895

■ 9.1437, 0.1765,
0.0763

■ 8.4841, 0.1714,
0.0718

Harmonies

Analogous

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



55.0169, 0.2494, 0.2576



55.0169, 0.2838, 0.2604



55.0169, 0.3286, 0.2785

Triad

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



55.0169, 0.2838, 0.2604



55.0169, 0.4000, 0.3784



55.0169, 0.2553, 0.3480

Complementary

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



55.0169, 0.2838, 0.2604



87.2075, 0.3369, 0.3946

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.



55.0169, 0.2926, 0.3886



55.0169, 0.2838, 0.2604



55.0169, 0.3768, 0.4038

Square

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



55.0169, 0.2838, 0.2604



55.0169, 0.3985, 0.3436



55.0169, 0.3371, 0.4094



55.0169, 0.2339, 0.3045

Rectangle

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



55.0169, 0.2838, 0.2604



55.0169, 0.3584, 0.2973



55.0169, 0.3371, 0.4094



55.0169, 0.2663, 0.3628

Sweetspot

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



55.0192, 0.2838, 0.2604



85.1398, 0.3046, 0.3088



72.9239, 0.2739, 0.3071



17.6620, 0.3029, 0.3048



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.



55.0192, 0.2838, 0.2604



51.9795, 0.2767, 0.2449



59.8447, 0.3069, 0.2649



16.9146, 0.3029, 0.3048



4.6480, 0.1729, 0.0726



0.4850, 0.1856, 0.0796

Inverse Universe

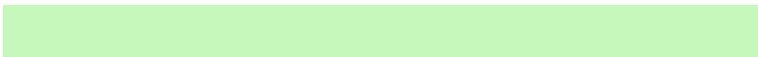
The Inverse Universe completely reimagines the original color for something new.



60.6853, 0.3309, 0.2857



59.0323, 0.3355, 0.2767



82.6276, 0.3165, 0.3989



17.4238, 0.3188, 0.3131



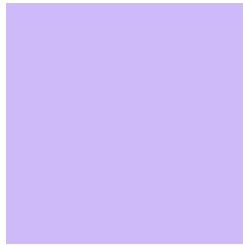
12.3354, 0.4233, 0.2106



1.1619, 0.4080, 0.2021

Previews

White Background



This preview shows how the Yxy color 55.0169, 0.2838, 0.2604 looks on a white background.

Color Contrast Check

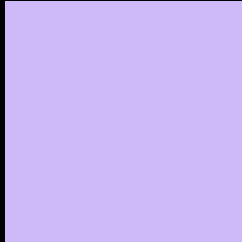
Large Text (above 18pt) WCAG AA × Fail

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 55.0169, 0.2838, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

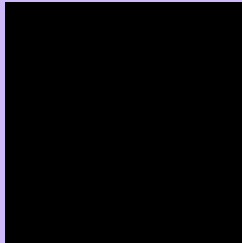
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0169, 0.2838, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 55.0169, 0.2838, 0.2604.



This preview shows how white text looks on a background with the Yxy color 55.0169, 0.2838, 0.2604.

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

55.0169, 0.2838, 0.2604

Protanopia

55.4426, 0.2630, 0.2603

Deuteranopia

55.1060, 0.2722, 0.2660



Tritanopia

54.8855, 0.3057, 0.3099

Trichromacy



Original Color

55.0169, 0.2838, 0.2604

Protanomaly

55.1087, 0.2697, 0.2599

Deuteranomaly

55.1444, 0.2768, 0.2645

Tritanomaly

54.7112, 0.2980, 0.2907

Monochromacy



Original Color

55.0169, 0.2838, 0.2604

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.1499, 0.3023, 0.3021

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0169, 0.2838, 0.2604 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(206, 186, 248)` looks like.

```
.text, #text, p{  
    color:rgb(206, 186, 248)  
}
```

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(206, 186, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 186, 248) }
```

Border

The CSS property to change the border of an element to Yxy 55.0169, 0.2838, 0.2604 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(206, 186, 248) }
```

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

```
.border{ border-color:rgb(206, 186, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 186, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 186, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 186, 248);  
box-shadow:4px 4px 4px 4px rgb(206, 186,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0169, 0.2838, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 186, 248) }
```

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

```
.background{ background-color: rgb(206,  
186, 248) }
```

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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