

Converting Colors

Yxy(54.9546, 0.2810, 0.2634)

Have a look what the booklet for
Yxy(54.9546, 0.2810, 0.2634)
contains.

Yxy(55.0378, 0.2816, 0.2640)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(55.0378, 0.2816, 0.2640)

Conversions

Conversions Part 1

Format	Color
Hex	C9BCF6
RGB	201, 188, 246
RGB Percent	79%, 74%, 96%
CMY	0.2118, 0.2627, 0.0352
CMYK	0.18, 0.24, 0.00, 0.04
HSL	253°, 76%, 85%
HSV	253°, 24%, 96%
XYZ	58.7070, 55.0378, 94.7317
YIQ	198.4990, -10.8700, 20.7940

Conversions

Conversions Part 2

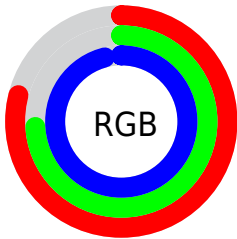
Format	Color
R _Y B	201, 188, 246
Decimal	13221110
CIE Lab	79.06, 16.06, -27.03
CIE LCh	79, 31.440, 300.718
Yxy	55.0378, 0.2816, 0.2640
Android (android.graphics.Color)	4291411190 (0xFFC9BCF6)
YUV	198.4990, 23.4180, 2.1934
Hunter-Lab	74.1875, 11.4249, -23.7776

Details

The Yxy color **55.0378, 0.2816, 0.2640** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.8805, 0.3394, 0.3898**, and the grayscale version is **56.6527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **27.1566, 0.2726, 0.2483** is the 20% darker color. If you saturate the color by 10%, you get **42.9261, 0.2654, 0.2322**, and if you desaturate by 10%, it is **69.2744, 0.2960, 0.2935**.

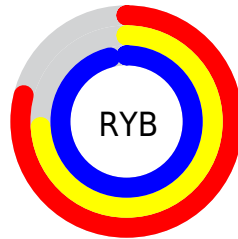
Distribution



Red (79%)

Green (74%)

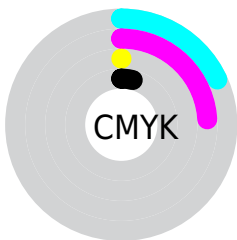
Blue (96%)



Red (79%)

Yellow (74%)

Blue (96%)

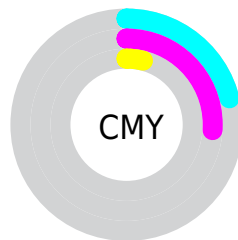


Cyan (18%)

Magenta (24%)

Yellow (0%)

Black (4%)



Cyan (21%)


Magenta (26%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0378, 0.2816, 0.2640 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 55.0378, 0.2816, 0.2640 by changing the saturation by 10% instead.


 55.0378, 0.2816,
0.2640

 55.0378, 0.2816,
0.2640

406.0552, 0.2969,
0.2942

 39.4320, 0.2779,
0.2571

 97.5963, 0.2871,
0.2745

 27.0960, 0.2732,
0.2486


125.3178, 0.2892,
0.2786

 17.6453, 0.2672,
0.2379


157.8467, 0.2909,
0.2821

 10.6956, 0.2590,
0.2239

195.5673, 0.2924,
0.2851

 5.8626, 0.2476,
0.2052

238.8641, 0.2938,
0.2878

 2.7617, 0.2303,
0.1790

288.1214, 0.2949,

 1.0086, 0.2024,

0.2902

0.1405

343.7236, 0.2960,
0.2923

0.0000, 0.1265,
0.0000

0.0000, 0.0000,
0.0000

55.0378, 0.2816,
0.2640

55.0378, 0.2816,
0.2640

42.9261, 0.2654,
0.2322

69.2744, 0.2960,
0.2935

32.8297, 0.2477,
0.1988

85.7248, 0.3086,
0.3202

24.6392, 0.2292,
0.1654

99.4349, 0.3179,
0.3376

18.2322, 0.2106,
0.1340

■ 13.4716, 0.1932,
0.1066

■ 10.1995, 0.1781,
0.0853

■ 8.2258, 0.1664,
0.0714

■ 7.4706, 0.1607,
0.0659

Harmonies

Analogous

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



55.0378, 0.2511, 0.2634



55.0378, 0.2816, 0.2640



55.0378, 0.3225, 0.2794

Triad

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



55.0378, 0.2816, 0.2640



55.0378, 0.3946, 0.3717



55.0378, 0.2630, 0.3515

Complementary

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



55.0378, 0.2816, 0.2640



86.8805, 0.3394, 0.3898

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.



55.0378, 0.2990, 0.3872



55.0378, 0.2816, 0.2640



55.0378, 0.3757, 0.3964

Square

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



55.0378, 0.2816, 0.2640



55.0378, 0.3902, 0.3389



55.0378, 0.3403, 0.4037



55.0378, 0.2408, 0.3110

Rectangle

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



55.0378, 0.2816, 0.2640



55.0378, 0.3504, 0.2962



55.0378, 0.3403, 0.4037



55.0378, 0.2738, 0.3648

Sweetspot

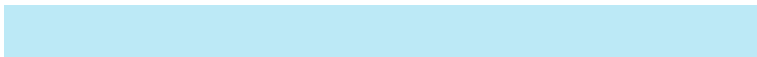
The Sweet Spot groups the original color and five complimentary colors.



55.0401, 0.2816, 0.2640



86.6023, 0.3045, 0.3113



75.8785, 0.2767, 0.3150



18.3015, 0.3038, 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.



55.0401, 0.2816, 0.2640



53.5590, 0.2746, 0.2500



59.3761, 0.3029, 0.2679



16.1057, 0.3014, 0.3048



4.0377, 0.1619, 0.0666



0.3988, 0.1736, 0.0730

Inverse Universe

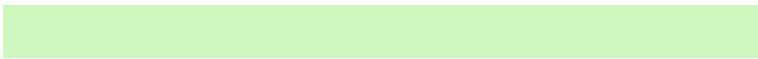
The Inverse Universe completely reimagines the original color for something new.



61.4479, 0.3252, 0.2827



61.6072, 0.3281, 0.2736



82.4532, 0.3201, 0.3936



16.7010, 0.3172, 0.3108



12.4851, 0.3872, 0.1907



1.1126, 0.3772, 0.1852

Previews

White Background



This preview shows how the Yxy color 55.0378, 0.2816, 0.2640 looks on a white background.

Color Contrast Check

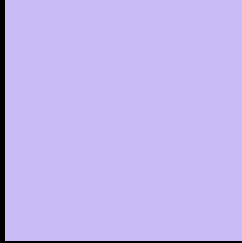
Large Text (above 18pt) WCAG AA × Fail

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 55.0378, 0.2816, 0.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

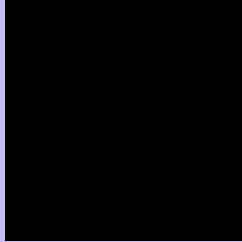
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0378, 0.2816, 0.2640

Background



This preview shows how black text looks on a background with the Yxy color 55.0378, 0.2816, 0.2640.

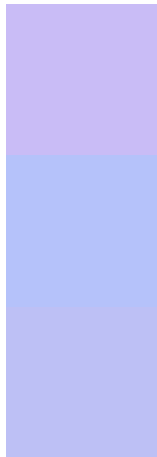


This preview shows how white text looks on a background with the Yxy color 55.0378, 0.2816, 0.2640.

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

55.0378, 0.2816, 0.2640

Protanopia

55.3095, 0.2659, 0.2645

Deuteranopia

55.1107, 0.2741, 0.2682



Tritanopia

55.2855, 0.3018, 0.3110

Trichromacy



Original Color

55.0378, 0.2816, 0.2640

Protanomaly

55.2302, 0.2710, 0.2640

Deuteranomaly

55.1916, 0.2768, 0.2675

Tritanomaly

54.8973, 0.2942, 0.2926

Monochromacy



Original Color

55.0378, 0.2816, 0.2640

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.2674, 0.3014, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0378, 0.2816, 0.2640 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, 188, 246)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 246)  
}
```

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, 188, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 246) }
```

Border

The CSS property to change the border of an element to Yxy 55.0378, 0.2816, 0.2640 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, 188, 246) }
```

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

```
.border{ border-color:rgb(201, 188, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 188, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 246);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0378, 0.2816, 0.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 246) }
```

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

```
.background{ background-color: rgb(201,  
188, 246) }
```

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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