

Converting Colors

Yxy(54.9806, 0.2814, 0.2700)

Have a look what the booklet for
Yxy(54.9806, 0.2814, 0.2700)
contains.

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Color

Yxy(55.1080, 0.2814, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	C5BEF2
RGB	197, 190, 242
RGB Percent	77%, 75%, 95%
CMY	0.2277, 0.2548, 0.0510
CMYK	0.19, 0.21, 0.00, 0.05
HSL	248°, 67%, 85%
HSV	248°, 21%, 95%
XYZ	57.4561, 55.1080, 91.6153
YIQ	198.0210, -12.5200, 17.6560

Conversions

Conversions Part 2

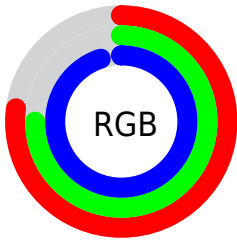
Format	Color
R _Y B	197, 190, 242
Decimal	12959474
CIE Lab	79.10, 12.84, -24.84
CIE LCh	79, 27.964, 297.333
Yxy	55.1080, 0.2814, 0.2699
Android (android.graphics.Color)	4291149554 (0xFFC5BEF2)
YUV	198.0210, 21.6816, -0.8954
Hunter-Lab	74.2348, 8.2442, -21.2072

Details

The Yxy color **55.1080, 0.2814, 0.2699** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.9006, 0.3403, 0.3835**, and the grayscale version is **56.3543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2024, 0.3125, 0.3204**, and **27.2761, 0.2733, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **42.8451, 0.2638, 0.2378**, and if you desaturate by 10%, it is **69.5099, 0.2971, 0.2992**.

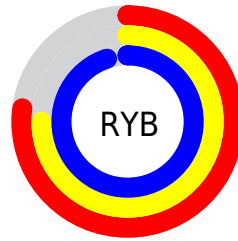
Distribution



Red (77%)

Green (75%)

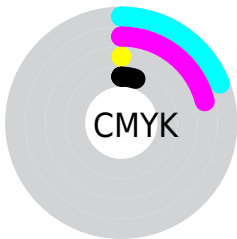
Blue (95%)



Red (77%)

Yellow (75%)

Blue (95%)

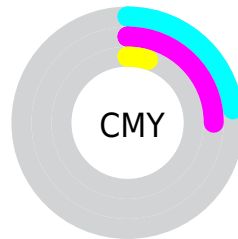


Cyan (19%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (23%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1080, 0.2814, 0.2699 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 55.1080, 0.2814, 0.2699 by changing the saturation by 10% instead.

■ 55.1080, 0.2814,
0.2699

■ 55.1080, 0.2814,
0.2699

406.3212, 0.2967,
0.2976

■ 39.4882, 0.2777,
0.2635

■ 97.6992, 0.2869,
0.2795

■ 27.1397, 0.2731,
0.2557

125.4393, 0.2889,
0.2833

■ 17.6782, 0.2670,
0.2457

157.9884, 0.2907,
0.2865

■ 10.7192, 0.2589,
0.2326

195.7308, 0.2923,
0.2893

■ 5.8783, 0.2475,
0.2149

239.0508, 0.2936,
0.2917

■ 2.7712, 0.2303,
0.1898

288.3330, 0.2948,

■ 1.0135, 0.2023,

0.2939

0.1521

343.9617, 0.2958,
0.2958

0.0000, 0.1089,
0.0000

0.0000, 0.0000,
0.0000

55.1080, 0.2814,
0.2699

55.1080, 0.2814,
0.2699

42.8451, 0.2638,
0.2378

69.5099, 0.2971,
0.2992

32.6124, 0.2447,
0.2038

86.1391, 0.3108,
0.3254

24.3017, 0.2248,
0.1693

99.1910, 0.3203,
0.3415

17.7920, 0.2050,
0.1362

■ 12.9485, 0.1868,
0.1072

■ 9.6171, 0.1716,
0.0844

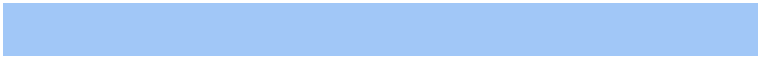
■ 7.6145, 0.1604,
0.0694

■ 6.7221, 0.1543,
0.0624

Harmonies

Analogous

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



55.1080, 0.2553, 0.2712



55.1080, 0.2814, 0.2699



55.1080, 0.3173, 0.2823

Triad

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



55.1080, 0.2814, 0.2699



55.1080, 0.3862, 0.3645



55.1080, 0.2716, 0.3531

Complementary

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



55.1080, 0.2814, 0.2699



84.9006, 0.3403, 0.3835

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.



55.1080, 0.3049, 0.3830



55.1080, 0.2814, 0.2699



55.1080, 0.3717, 0.3874

Square

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



55.1080, 0.2814, 0.2699



55.1080, 0.3797, 0.3348



55.1080, 0.3416, 0.3954



55.1080, 0.2499, 0.3171

Rectangle

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



55.1080, 0.2814, 0.2699



55.1080, 0.3423, 0.2968



55.1080, 0.3416, 0.3954



55.1080, 0.2817, 0.3644

Sweetspot

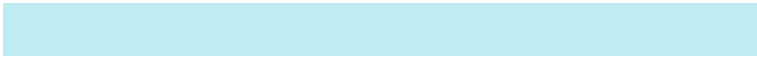
The Sweet Spot groups the original color and five complimentary colors.



55.1103, 0.2814, 0.2699



88.1947, 0.3048, 0.3139



77.3168, 0.2803, 0.3222



18.6143, 0.3039, 0.3122



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.



55.1103, 0.2814, 0.2699



55.4288, 0.2736, 0.2555



58.7888, 0.3000, 0.2730



15.3297, 0.3000, 0.3047



3.6439, 0.1551, 0.0628



0.3347, 0.1646, 0.0680

Inverse Universe

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



61.7166, 0.3204, 0.2823



64.1903, 0.3223, 0.2721



80.9192, 0.3230, 0.3866



15.9931, 0.3158, 0.3088



12.6489, 0.3577, 0.1744



1.0622, 0.3521, 0.1713

Previews

White Background



This preview shows how the Yxy color 55.1080, 0.2814, 0.2699 looks on a white background.

Color Contrast Check

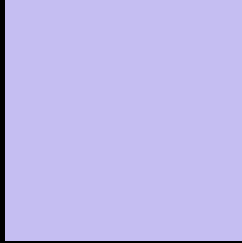
Large Text (above 18pt) WCAG AA × Fail

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 55.1080, 0.2814, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

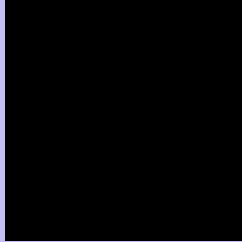
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.1080, 0.2814, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 55.1080, 0.2814, 0.2699.



This preview shows how white text looks on a background with the Yxy color 55.1080, 0.2814, 0.2699.

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

55.1080, 0.2814, 0.2699

Protanopia

55.3665, 0.2709, 0.2700

Deuteranopia

55.3165, 0.2780, 0.2717



Tritanopia

55.2594, 0.2981, 0.3109

Trichromacy



Original Color

55.1080, 0.2814, 0.2699

Protanomaly

55.4904, 0.2748, 0.2704

Deuteranomaly

55.1417, 0.2794, 0.2707

Tritanomaly

55.1950, 0.2920, 0.2959

Monochromacy



Original Color

55.1080, 0.2814, 0.2699

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.8910, 0.3013, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1080, 0.2814, 0.2699 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(197, 190, 242)` looks like.

```
.text, #text, p{  
    color:rgb(197, 190, 242)  
}
```

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(197, 190, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 190, 242) }
```

Border

The CSS property to change the border of an element to Yxy 55.1080, 0.2814, 0.2699 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(197, 190, 242) }
```

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

```
.border{ border-color:rgb(197, 190, 242) }
```

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

Here you see how a box with a 4 pixel rgb(197, 190, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 190, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 190, 242);  
box-shadow:4px 4px 4px 4px rgb(197, 190,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1080, 0.2814, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 190, 242) }
```

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

```
.background{ background-color: rgb(197,  
190, 242) }
```

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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