

Converting Colors

Yxy(53.9210, 0.2809, 0.2651)

Have a look what the booklet for
Yxy(53.9210, 0.2809, 0.2651)
contains.

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Color

Yxy(54.0175, 0.2813, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	C6BBF3
RGB	198, 187, 243
RGB Percent	78%, 73%, 95%
CMY	0.2236, 0.2666, 0.0470
CMYK	0.19, 0.23, 0.00, 0.05
HSL	252°, 70%, 84%
HSV	252°, 23%, 95%
XYZ	57.2321, 54.0175, 92.2061
YIQ	196.6730, -11.4200, 19.7480

Conversions

Conversions Part 2

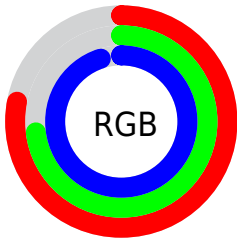
Format	Color
R _Y B	198, 187, 243
Decimal	13024243
CIE Lab	78.47, 15.01, -26.34
CIE LCh	78, 30.314, 299.684
Yxy	54.0175, 0.2813, 0.2655
Android (android.graphics.Color)	4291214323 (0xFFC6BBF3)
YUV	196.6730, 22.8392, 1.1638
Hunter-Lab	73.4966, 10.3796, -22.9354

Details

The Yxy color **54.0175, 0.2813, 0.2655** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8541, 0.3399, 0.3881**, and the grayscale version is **55.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **26.4777, 0.2722, 0.2500** is the 20% darker color. If you saturate the color by 10%, you get **42.0800, 0.2647, 0.2336**, and if you desaturate by 10%, it is **68.0465, 0.2961, 0.2950**.

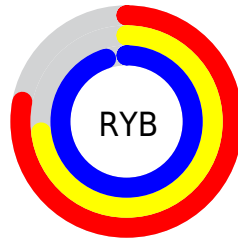
Distribution



Red (78%)

Green (73%)

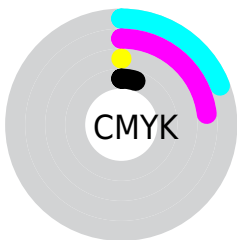
Blue (95%)



Red (78%)

Yellow (73%)

Blue (95%)

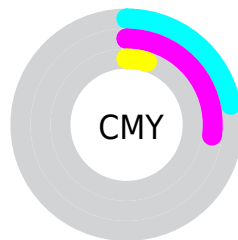


Cyan (19%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (22%)


Magenta (27%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0175, 0.2813, 0.2655 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 54.0175, 0.2813, 0.2655 by changing the saturation by 10% instead.


 54.0175, 0.2813,
0.2655

 54.0175, 0.2813,
0.2655


402.1767, 0.2968,
0.2952

 38.6157, 0.2776,
0.2587

 96.0999, 0.2868,
0.2758

 26.4609, 0.2728,
0.2503


123.5493, 0.2889,
0.2798

 17.1687, 0.2667,
0.2396


155.7833, 0.2907,
0.2833

 10.3549, 0.2584,
0.2257

193.1864, 0.2923,
0.2863

 5.6349, 0.2466,
0.2070

236.1429, 0.2936,
0.2889

 2.6244, 0.2290,
0.1805

285.0371, 0.2948,

 0.9389, 0.2001,

0.2913

0.1412

340.2536, 0.2958,
0.2933

0.0000, 0.1007,
0.0000

0.0000, 0.0000,
0.0000

54.0175, 0.2813,
0.2655

54.0175, 0.2813,
0.2655

42.0800, 0.2647,
0.2336

68.0465, 0.2961,
0.2950

32.1266, 0.2465,
0.2000

84.2543, 0.3091,
0.3215

24.0503, 0.2275,
0.1662

99.2513, 0.3197,
0.3405

17.7313, 0.2086,
0.1343

■ 13.0355, 0.1909,
0.1064

■ 9.8091, 0.1758,
0.0847

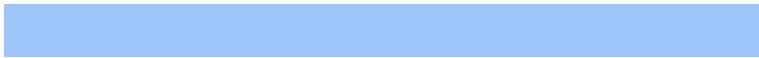
■ 7.8674, 0.1642,
0.0705

■ 7.0897, 0.1584,
0.0646

Harmonies

Analogous

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



54.0175, 0.2521, 0.2655



54.0175, 0.2813, 0.2655



54.0175, 0.3208, 0.2800

Triad

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



54.0175, 0.2813, 0.2655



54.0175, 0.3924, 0.3696



54.0175, 0.2654, 0.3522

Complementary

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



54.0175, 0.2813, 0.2655



84.8541, 0.3399, 0.3881

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.



54.0175, 0.3008, 0.3863



54.0175, 0.2813, 0.2655



54.0175, 0.3749, 0.3939

Square

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



54.0175, 0.2813, 0.2655



54.0175, 0.3873, 0.3376



54.0175, 0.3409, 0.4015



54.0175, 0.2433, 0.3129

Rectangle

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



54.0175, 0.2813, 0.2655



54.0175, 0.3480, 0.2962



54.0175, 0.3409, 0.4015



54.0175, 0.2761, 0.3649

Sweetspot

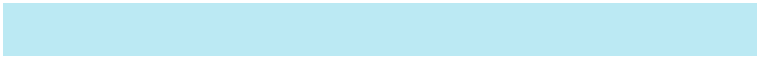
The Sweet Spot groups the original color and five complimentary colors.



54.0197, 0.2813, 0.2655



86.5138, 0.3042, 0.3113



75.1676, 0.2777, 0.3175



18.2810, 0.3034, 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.



54.0197, 0.2813, 0.2655



53.2842, 0.2731, 0.2497



58.0685, 0.3017, 0.2692



16.0829, 0.3010, 0.3047



3.9349, 0.1594, 0.0652



0.3867, 0.1704, 0.0712

Inverse Universe

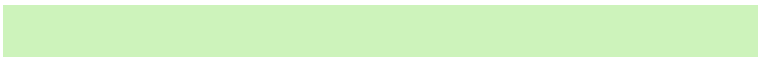
The Inverse Universe completely reimagines the original color for something new.



60.4295, 0.3237, 0.2822



61.7269, 0.3266, 0.2718



80.6344, 0.3212, 0.3917



16.7094, 0.3168, 0.3102



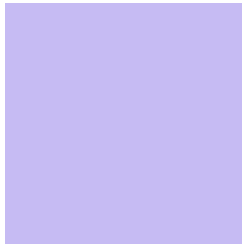
12.6501, 0.3777, 0.1854



1.1257, 0.3692, 0.1808

Previews

White Background



This preview shows how the Yxy color 54.0175, 0.2813, 0.2655 looks on a white background.

Color Contrast Check

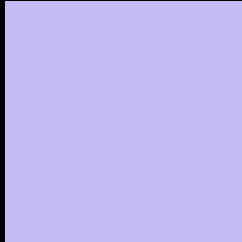
Large Text (above 18pt) WCAG AA × Fail

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 54.0175, 0.2813, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

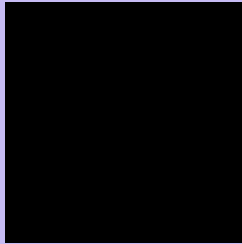
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0175, 0.2813, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 54.0175, 0.2813, 0.2655.



This preview shows how white text looks on a background with the Yxy color 54.0175, 0.2813, 0.2655.

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

54.0175, 0.2813, 0.2655

Protanopia

54.1180, 0.2668, 0.2651

Deuteranopia

53.9291, 0.2751, 0.2688



Tritanopia

53.9498, 0.3002, 0.3096

Trichromacy



Original Color

54.0175, 0.2813, 0.2655

Protanomaly

54.0455, 0.2719, 0.2646

Deuteranomaly

54.0125, 0.2778, 0.2681

Tritanomaly

53.9514, 0.2933, 0.2934

Monochromacy



Original Color

54.0175, 0.2813, 0.2655

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.8653, 0.3005, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0175, 0.2813, 0.2655 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(198, 187, 243)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 243)  
}
```

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(198, 187, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 243) }
```

Border

The CSS property to change the border of an element to Yxy 54.0175, 0.2813, 0.2655 is called "border". The border property can be set on classes, ids or directly on the HTML element.

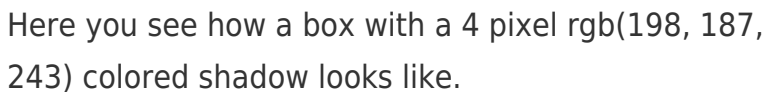
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 187, 243) }
```

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

```
.border{ border-color:rgb(198, 187, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 187, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 187, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 187, 243); box-shadow:4px 4px 4px 4px rgb(198, 187, 243) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0175, 0.2813, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 243) }
```

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

```
.background{ background-color: rgb(198,  
187, 243) }
```

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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