

Converting Colors

Yxy(61.4829, 0.2810, 0.2882)

Have a look what the booklet for
Yxy(61.4829, 0.2810, 0.2882)
contains.

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Color

Yxy(61.4829, 0.2810, 0.2882)

Conversions

Conversions Part 1

Format	Color
Hex	C2CDF1
RGB	194, 205, 241
RGB Percent	76%, 80%, 95%
CMY	0.2393, 0.1960, 0.0550
CMYK	0.20, 0.15, 0.00, 0.06
HSL	226°, 63%, 85%
HSV	226°, 20%, 94%
XYZ	59.9469, 61.4829, 91.9043
YIQ	205.8150, -18.1120, 8.8640

Conversions

Conversions Part 2

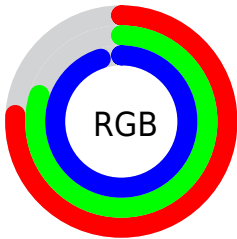
Format	Color
RYB	194, 203, 241
Decimal	12766705
CIELab	82.64, 3.63, -18.95
CIELCh	83, 19.291, 280.843
Yxy	61.4829, 0.2810, 0.2882
Android (android.graphics.Color)	4290956785 (0xFFC2CDF1)
YUV	205.8150, 17.3462, -10.3618
Hunter-Lab	78.4110, -0.7523, -14.6052

Details

The Yxy color **61.4829, 0.2810, 0.2882** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1412, 0.3442, 0.3667**, and the grayscale version is **61.4906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **31.2114, 0.2732, 0.2783** is the 20% darker color. If you saturate the color by 10%, you get **50.2454, 0.2629, 0.2636**, and if you desaturate by 10%, it is **74.2814, 0.2979, 0.3103**.

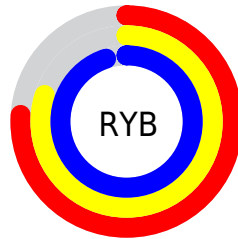
Distribution



Red (76%)

Green (80%)

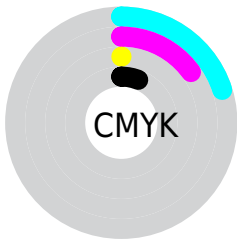
Blue (95%)



Red (76%)

Yellow (80%)

Blue (95%)

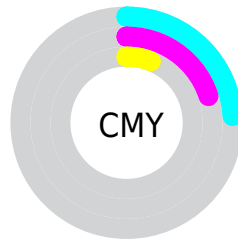


Cyan (20%)

Magenta (15%)

Yellow (0%)

Black (6%)



Cyan (24%)

Magenta (20%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4829, 0.2810, 0.2882 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 61.4829, 0.2810, 0.2882 by changing the saturation by 10% instead.

■ 61.4829, 0.2810,
0.2882

■ 61.4829, 0.2810,
0.2882

430.0424, 0.2961,
0.3073

■ 44.6150, 0.2775,
0.2838

■ 106.9778, 0.2863,
0.2949

■ 31.1543, 0.2731,
0.2783

136.3736, 0.2883,
0.2975

■ 20.7164, 0.2675,
0.2713

170.7142, 0.2901,
0.2997

■ 12.9168, 0.2600,
0.2621

210.3840, 0.2916,
0.3016

■ 7.3713, 0.2497,
0.2496

255.7673, 0.2929,
0.3033

■ 3.6954, 0.2347,
0.2314

307.2485, 0.2941,

■ 1.5047, 0.2107,

0.3048

0.2032

365.2121, 0.2951,
0.3062

0.2920, 0.1481,
0.1181

0.0000, 0.0000,
0.0000

61.4829, 0.2810,
0.2882

61.4829, 0.2810,
0.2882

50.2454, 0.2629,
0.2636

74.2814, 0.2979,
0.3103

40.5006, 0.2439,
0.2368

88.6906, 0.3134,
0.3299

32.1859, 0.2247,
0.2083

99.1292, 0.3209,
0.3425

25.2317, 0.2061,
0.1792

■ 19.5617, 0.1891,
0.1507

■ 15.0917, 0.1748,
0.1244

■ 11.7263, 0.1640,
0.1019

■ 9.3380, 0.1568,
0.0843

■ 9.2400, 0.1565,
0.0835

Harmonies

Analogous

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



61.4829, 0.2683, 0.2953



61.4829, 0.2810, 0.2882



61.4829, 0.3024, 0.2914

Triad

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



61.4829, 0.2810, 0.2882



61.4829, 0.3607, 0.3430



61.4829, 0.2971, 0.3565

Complementary

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



61.4829, 0.2810, 0.2882



79.1412, 0.3442, 0.3667

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.



61.4829, 0.3216, 0.3703



61.4829, 0.2810, 0.2882



61.4829, 0.3589, 0.3612

Square

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



61.4829, 0.2810, 0.2882



61.4829, 0.3490, 0.3222



61.4829, 0.3443, 0.3717



61.4829, 0.2773, 0.3346

Rectangle

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



61.4829, 0.2810, 0.2882



61.4829, 0.3190, 0.2987



61.4829, 0.3443, 0.3717



61.4829, 0.3050, 0.3623

Sweetspot

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



61.4854, 0.2810, 0.2882



89.9714, 0.3035, 0.3174



80.0291, 0.2899, 0.3419



19.0327, 0.3025, 0.3161



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.



61.4854, 0.2810, 0.2882



65.1629, 0.2747, 0.2797



58.0010, 0.2886, 0.2765



15.8317, 0.2980, 0.3104



5.1829, 0.1572, 0.0860



0.5791, 0.1639, 0.1101

Inverse Universe

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



61.6745, 0.3424, 0.3172



65.5578, 0.3493, 0.3150



83.4824, 0.3339, 0.3789



15.8197, 0.3256, 0.3235



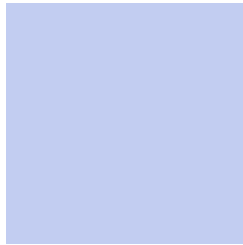
10.3166, 0.5975, 0.3065



0.8732, 0.5609, 0.2864

Previews

White Background



This preview shows how the Yxy color 61.4829, 0.2810, 0.2882 looks on a white background.

Color Contrast Check

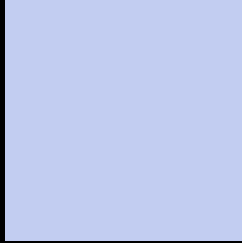
Large Text (above 18pt) WCAG AA × Fail

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 61.4829, 0.2810, 0.2882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

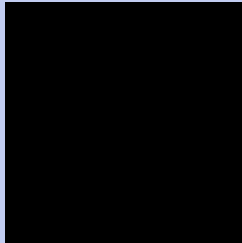
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.4829, 0.2810, 0.2882

Background



This preview shows how black text looks on a background with the Yxy color 61.4829, 0.2810, 0.2882.



This preview shows how white text looks on a background with the Yxy color 61.4829, 0.2810, 0.2882.

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

61.4829, 0.2810, 0.2882

Protanopia

61.6191, 0.2850, 0.2885

Deuteranopia

61.5940, 0.2899, 0.2837



Tritanopia

61.5699, 0.2897, 0.3103

Trichromacy



Original Color

61.4829, 0.2810, 0.2882

Protanomaly

61.3473, 0.2836, 0.2883

Deuteranomaly

61.3484, 0.2864, 0.2844

Tritanomaly

61.5453, 0.2866, 0.3024

Monochromacy



Original Color

61.4829, 0.2810, 0.2882

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.8136, 0.3008, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4829, 0.2810, 0.2882 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(194, 205, 241)` looks like.

```
.text, #text, p{  
    color:rgb(194, 205, 241)  
}
```

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(194, 205, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 205, 241) }
```

Border

The CSS property to change the border of an element to Yxy 61.4829, 0.2810, 0.2882 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(194, 205, 241) }
```

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

```
.border{ border-color:rgb(194, 205, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 205, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 205, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 205, 241);  
box-shadow:4px 4px 4px 4px rgb(194, 205,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4829, 0.2810, 0.2882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 205, 241) }
```

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

```
.background{ background-color: rgb(194,  
205, 241) }
```

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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