

Converting Colors

Yxy(53.1146, 0.2898, 0.2832)

Have a look what the booklet for
Yxy(53.1146, 0.2898, 0.2832)
contains.

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Color

Yxy(53.1146, 0.2898, 0.2832)

Conversions

Conversions Part 1

Format	Color
Hex	C3BCE3
RGB	195, 188, 227
RGB Percent	76%, 74%, 89%
CMY	0.2354, 0.2627, 0.1097
CMYK	0.14, 0.17, 0.00, 0.11
HSL	251°, 41%, 81%
HSV	251°, 17%, 89%
XYZ	54.3524, 53.1146, 80.0845
YIQ	194.5390, -8.3470, 13.6130

Conversions

Conversions Part 2

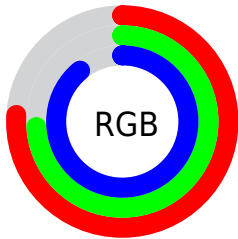
Format	Color
R_{YB}	195, 188, 227
Decimal	12827875
CIE _{Lab}	77.94, 10.09, -18.56
CIE _{LCh}	78, 21.129, 298.524
Yxy	53.1146, 0.2898, 0.2832
Android (android.graphics.Color)	4291017955 (0xFFC3BCE3)
YUV	194.5390, 16.0033, 0.4043
Hunter-Lab	72.8798, 5.5826, -14.1355

Details

The Yxy color **53.1146, 0.2898, 0.2832** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.8145, 0.3334, 0.3723**, and the grayscale version is **54.1918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.6168, 0.3113, 0.3184**, and **25.9692, 0.2832, 0.2714** is the 20% darker color. If you saturate the color by 10%, you get **41.8364, 0.2739, 0.2527**, and if you desaturate by 10%, it is **66.2334, 0.3038, 0.3109**.

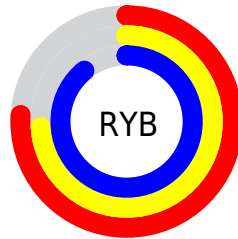
Distribution



Red (76%)

Green (74%)

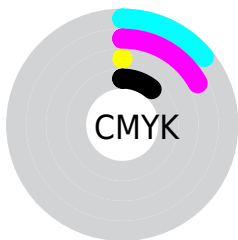
Blue (89%)



Red (76%)

Yellow (74%)

Blue (89%)

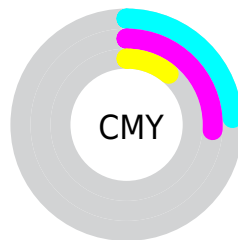


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (11%)



Cyan (24%)


Magenta (26%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1146, 0.2898, 0.2832 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 53.1146, 0.2898, 0.2832 by changing the saturation by 10% instead.

 53.1146, 0.2898,
0.2832

 53.1146, 0.2898,
0.2832

398.7246, 0.3011,
0.3050

 37.8943, 0.2870,
0.2781


 94.7730, 0.2939,
0.2909

 25.9006, 0.2835,
0.2717


121.9798, 0.2954,
0.2938

 16.7493, 0.2789,
0.2635


153.9509, 0.2967,
0.2964

 10.0559, 0.2727,
0.2526

191.0707, 0.2978,
0.2986

 5.4361, 0.2637,
0.2374

233.7236, 0.2988,
0.3005

 2.5053, 0.2497,
0.2151

282.2940, 0.2997,

 0.8793, 0.2255,

0.3022

0.1794

337.1662, 0.3004,
0.3037

0.0000, 0.0276,
0.0000

0.0000, 0.0000,
0.0000

53.1146, 0.2898,
0.2832

53.1146, 0.2898,
0.2832

41.8364, 0.2739,
0.2527

66.2334, 0.3038,
0.3109

32.3095, 0.2564,
0.2199

81.2634, 0.3160,
0.3356

24.4473, 0.2376,
0.1860

97.5637, 0.3265,
0.3564

18.1531, 0.2182,
0.1526

98.3279, 0.3291,
0.3562

■ 13.3199, 0.1996,
0.1219

■ 9.8272, 0.1828,
0.0963

■ 7.5349, 0.1691,
0.0775

■ 6.2619, 0.1594,
0.0663

■ 6.0097, 0.1573,
0.0640

Harmonies

Analogous

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



53.1146, 0.2690, 0.2841



53.1146, 0.2898, 0.2832



53.1146, 0.3176, 0.2933

Triad

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



53.1146, 0.2898, 0.2832



53.1146, 0.3687, 0.3578



53.1146, 0.2803, 0.3464

Complementary

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



53.1146, 0.2898, 0.2832



73.8145, 0.3334, 0.3723

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.



53.1146, 0.3059, 0.3690



53.1146, 0.2898, 0.2832



53.1146, 0.3574, 0.3745

Square

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



53.1146, 0.2898, 0.2832



53.1146, 0.3642, 0.3350



53.1146, 0.3342, 0.3792



53.1146, 0.2637, 0.3194

Rectangle

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



53.1146, 0.2898, 0.2832



53.1146, 0.3366, 0.3049



53.1146, 0.3342, 0.3792



53.1146, 0.2881, 0.3548

Sweetspot

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



53.1168, 0.2898, 0.2832



90.2005, 0.3066, 0.3165



67.7055, 0.2865, 0.3214



19.0228, 0.3057, 0.3147



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.



53.1168, 0.2898, 0.2832



63.0536, 0.2838, 0.2715



55.8181, 0.3045, 0.2852



14.0102, 0.3008, 0.3049



3.5394, 0.1583, 0.0646



0.2978, 0.1710, 0.0716

Inverse Universe

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



57.4775, 0.3200, 0.2938



69.8630, 0.3219, 0.2855



71.0081, 0.3196, 0.3742



14.5688, 0.3165, 0.3099



11.6195, 0.3718, 0.1822



0.8702, 0.3631, 0.1774

Previews

White Background



This preview shows how the Yxy color 53.1146, 0.2898, 0.2832 looks on a white background.

Color Contrast Check

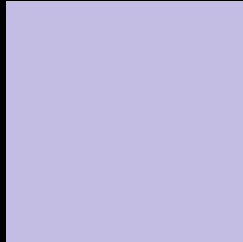
Large Text (above 18pt) WCAG AA × Fail

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 53.1146, 0.2898, 0.2832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

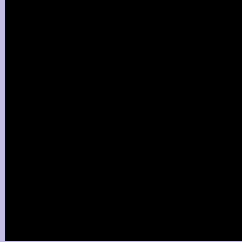
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1146, 0.2898, 0.2832

Background



This preview shows how black text looks on a background with the Yxy color 53.1146, 0.2898, 0.2832.



This preview shows how white text looks on a background with the Yxy color 53.1146, 0.2898, 0.2832.

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

53.1146, 0.2898, 0.2832

Protanopia

53.2330, 0.2813, 0.2837

Deuteranopia

53.1146, 0.2898, 0.2832



Tritanopia

53.2806, 0.3009, 0.3107

Trichromacy



Original Color

53.1146, 0.2898, 0.2832

Protanomaly

53.2472, 0.2848, 0.2840

Deuteranomaly

53.1146, 0.2898, 0.2832

Tritanomaly

53.3231, 0.2967, 0.3013

Monochromacy



Original Color

53.1146, 0.2898, 0.2832

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.8064, 0.3040, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1146, 0.2898, 0.2832 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(195, 188, 227)` looks like.

```
.text, #text, p{  
    color:rgb(195, 188, 227)  
}
```

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(195, 188, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 188, 227) }
```

Border

The CSS property to change the border of an element to Yxy 53.1146, 0.2898, 0.2832 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(195, 188, 227) }
```

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

```
.border{ border-color:rgb(195, 188, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 188, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 188, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 188, 227);  
box-shadow:4px 4px 4px 4px rgb(195, 188,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1146, 0.2898, 0.2832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 188, 227) }
```

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

```
.background{ background-color: rgb(195,  
188, 227) }
```

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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