

Converting Colors

Yxy(53.4701, 0.2972, 0.2833)

Have a look what the booklet for
Yxy(53.4701, 0.2972, 0.2833)
contains.

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Color

Yxy(53.4462, 0.2974, 0.2829)

Conversions

Conversions Part 1

Format	Color
Hex	CCBAE2
RGB	204, 186, 226
RGB Percent	80%, 73%, 89%
CMY	0.2000, 0.2706, 0.1138
CMYK	0.10, 0.18, 0.00, 0.11
HSL	267°, 41%, 81%
HSV	267°, 18%, 89%
XYZ	56.1856, 53.4462, 79.2908
YIQ	195.9420, -2.1120, 16.2560

Conversions

Conversions Part 2

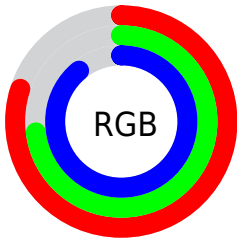
Format	Color
R_{YB}	204, 186, 226
Decimal	13417186
CIE Lab	78.14, 13.86, -17.63
CIE LCh	78, 22.427, 308.180
Yxy	53.4462, 0.2974, 0.2829
Android (android.graphics.Color)	4291607266 (0xFFCCBAE2)
YUV	195.9420, 14.8186, 7.0669
Hunter-Lab	73.1069, 9.2473, -13.1303

Details

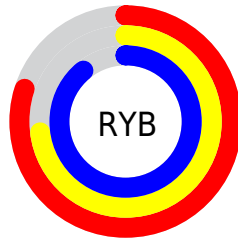
The Yxy color **53.4462, 0.2974, 0.2829** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.3351, 0.3260, 0.3747**, and the grayscale version is **55.0767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.1994, 0.2931, 0.2712** is the 20% darker color. If you saturate the color by 10%, you get **42.9811, 0.2868, 0.2541**, and if you desaturate by 10%, it is **65.5616, 0.3066, 0.3098**.

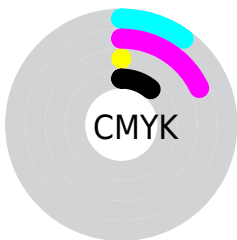
Distribution



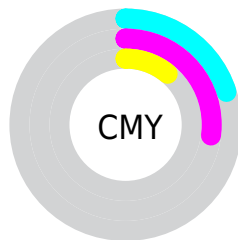
- Red (80%)
- Green (73%)
- Blue (89%)



- Red (80%)
- Yellow (73%)
- Blue (89%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4462, 0.2974, 0.2829 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 53.4462, 0.2974, 0.2829 by changing the saturation by 10% instead.

■ 53.4462, 0.2974,
0.2829

■ 53.4462, 0.2974,
0.2829

■ 399.9947, 0.3051,
0.3047

■ 38.1591, 0.2955,
0.2778

■ 95.2606, 0.3002,
0.2906

■ 26.1062, 0.2931,
0.2714

■ 122.5567, 0.3012,
0.2935

■ 16.9031, 0.2898,
0.2633

■ 154.6246, 0.3021,
0.2961

■ 10.1654, 0.2854,
0.2525

■ 191.8487, 0.3029,
0.2982

■ 5.5088, 0.2789,
0.2376

■ 234.6133, 0.3035,
0.3002

■ 2.5488, 0.2687,
0.2158

■ 283.3029, 0.3041,

■ 0.9010, 0.2504,

0.3019

0.1810

338.3019, 0.3046,
0.3034

0.0000, 0.1238,
0.0000

0.0000, 0.0000,
0.0000

53.4462, 0.2974,
0.2829

53.4462, 0.2974,
0.2829

42.9811, 0.2868,
0.2541

65.5616, 0.3066,
0.3098

34.0857, 0.2749,
0.2239

79.3896, 0.3144,
0.3345

26.6826, 0.2617,
0.1934

94.9975, 0.3210,
0.3568

20.6849, 0.2476,
0.1639

98.0249, 0.3289,
0.3573

■ 15.9967, 0.2332,
0.1369

■ 98.2699, 0.3298,
0.3572

■ 12.5093, 0.2190,
0.1141

■ 10.0952, 0.2058,
0.0968

■ 8.5820, 0.1942,
0.0852

■ 8.2984, 0.1917,
0.0830

Harmonies

Analogous

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



53.4462, 0.2724, 0.2799



53.4462, 0.2974, 0.2829



53.4462, 0.3277, 0.2968

Triad

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



53.4462, 0.2974, 0.2829



53.4462, 0.3699, 0.3661



53.4462, 0.2715, 0.3382

Complementary

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



53.4462, 0.2974, 0.2829



71.3351, 0.3260, 0.3747

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.



53.4462, 0.2961, 0.3648



53.4462, 0.2974, 0.2829



53.4462, 0.3531, 0.3804

Square

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



53.4462, 0.2974, 0.2829



53.4462, 0.3707, 0.3433



53.4462, 0.3259, 0.3806



53.4462, 0.2580, 0.3102

Rectangle

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



53.4462, 0.2974, 0.2829



53.4462, 0.3468, 0.3106



53.4462, 0.3259, 0.3806



53.4462, 0.2787, 0.3477

Sweetspot

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



53.4485, 0.2974, 0.2829



90.8277, 0.3088, 0.3166



61.0380, 0.2851, 0.3078



19.1749, 0.3082, 0.3148



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.



53.4485, 0.2974, 0.2829



65.3003, 0.2939, 0.2731



56.4553, 0.3132, 0.2851



13.5438, 0.3051, 0.3053



4.8035, 0.1933, 0.0839



0.3855, 0.2106, 0.0934

Inverse Universe

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



55.8400, 0.3288, 0.3045



69.0070, 0.3326, 0.2994



68.6193, 0.3118, 0.3768



13.8260, 0.3206, 0.3162



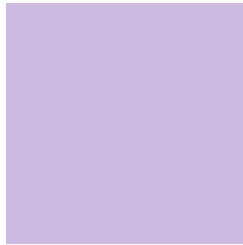
10.0827, 0.4742, 0.2386



0.7169, 0.4441, 0.2220

Previews

White Background



This preview shows how the Yxy color 53.4462, 0.2974, 0.2829 looks on a white background.

Color Contrast Check

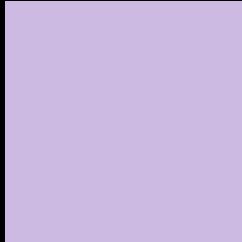
Large Text (above 18pt) WCAG AA × Fail

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 53.4462, 0.2974, 0.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

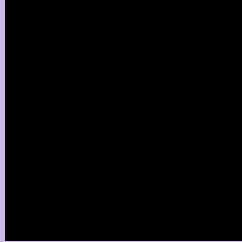
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.4462, 0.2974, 0.2829

Background



This preview shows how black text looks on a background with the Yxy color 53.4462, 0.2974, 0.2829.



This preview shows how white text looks on a background with the Yxy color 53.4462, 0.2974, 0.2829.

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

53.4462, 0.2974, 0.2829

Protanopia

53.7267, 0.2807, 0.2838

Deuteranopia

53.7018, 0.2928, 0.2868



Tritanopia

53.6522, 0.3103, 0.3111

Trichromacy



Original Color

53.4462, 0.2974, 0.2829

Protanomaly

53.6905, 0.2863, 0.2832

Deuteranomaly

53.6820, 0.2950, 0.2859

Tritanomaly

53.7558, 0.3052, 0.3007

Monochromacy



Original Color

53.4462, 0.2974, 0.2829

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.3464, 0.3072, 0.3111

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4462, 0.2974, 0.2829 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(204, 186, 226)` looks like.

```
.text, #text, p{  
    color:rgb(204, 186, 226)  
}
```

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(204, 186, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 186, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.4462, 0.2974, 0.2829 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(204, 186, 226) }
```

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

```
.border{ border-color:rgb(204, 186, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 186, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 186, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 186, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 186,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4462, 0.2974, 0.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 186, 226) }
```

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

```
.background{ background-color: rgb(204,  
186, 226) }
```

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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