

Converting Colors

$Yxy(52.9371, 0.2990, 0.2865)$

Have a look what the booklet for
Yxy(52.9371, 0.2990, 0.2865)
contains.

Yxy(53.0882, 0.2995, 0.2871)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.0882, 0.2995, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	CBBADE
RGB	203, 186, 222
RGB Percent	80%, 73%, 87%
CMY	0.2038, 0.2706, 0.1294
CMYK	0.09, 0.16, 0.00, 0.13
HSL	268°, 35%, 80%
HSV	268°, 16%, 87%
XYZ	55.3811, 53.0882, 76.4426
YIQ	195.1870, -1.4240, 14.8000

Conversions

Conversions Part 2

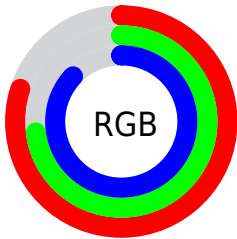
Format	Color
R _Y B	203, 186, 222
Decimal	13351646
CIE Lab	77.93, 12.76, -15.81
CIE LCh	78, 20.317, 308.900
Yxy	53.0882, 0.2995, 0.2871
Android (android.graphics.Color)	4291541726 (0xFFCBBADE)
YUV	195.1870, 13.2188, 6.8520
Hunter-Lab	72.8616, 8.1674, -11.2008

Details

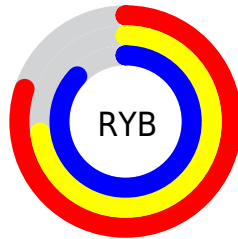
The Yxy color **53.0882, 0.2995, 0.2871** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.7671, 0.3243, 0.3708**, and the grayscale version is **54.6148, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **25.9546, 0.2959, 0.2766** is the 20% darker color. If you saturate the color by 10%, you get **42.8715, 0.2896, 0.2587**, and if you desaturate by 10%, it is **64.8864, 0.3080, 0.3136**.

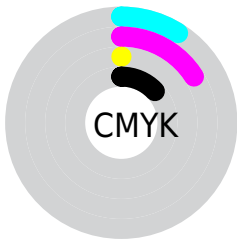
Distribution



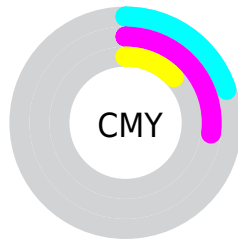
- Red (80%)
- Green (73%)
- Blue (87%)



- Red (80%)
- Yellow (73%)
- Blue (87%)



- Cyan (9%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0882, 0.2995, 0.2871 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 53.0882, 0.2995, 0.2871 by changing the saturation by 10% instead.

■ 53.0882, 0.2995,
0.2871

■ 53.0882, 0.2995,
0.2871

398.6234, 0.3061,
0.3070

■ 37.8732, 0.2978,
0.2824

■ 94.7341, 0.3019,
0.2941

■ 25.8843, 0.2957,
0.2766

121.9339, 0.3028,
0.2968

■ 16.7371, 0.2929,
0.2691

153.8973, 0.3036,
0.2991

■ 10.0472, 0.2891,
0.2591

191.0087, 0.3042,
0.3011

■ 5.4303, 0.2834,
0.2452

233.6527, 0.3048,
0.3029

■ 2.5019, 0.2743,
0.2245

282.2135, 0.3053,

■ 0.8776, 0.2578,

0.3044

0.1912

337.0757, 0.3057,
0.3058

0.0000, 0.0984,
0.0000

0.0000, 0.0000,
0.0000

53.0882, 0.2995,
0.2871

53.0882, 0.2995,
0.2871

42.8715, 0.2896,
0.2587

64.8864, 0.3080,
0.3136

34.1601, 0.2784,
0.2289

78.3247, 0.3153,
0.3379

26.8811, 0.2659,
0.1987

93.4666, 0.3215,
0.3599

20.9531, 0.2525,
0.1694

97.0837, 0.3288,
0.3615

■ 16.2859, 0.2387,
0.1423

■ 98.0545, 0.3321,
0.3611

■ 12.7781, 0.2249,
0.1192

■ 10.3115, 0.2118,
0.1012

■ 8.7393, 0.2002,
0.0890

■ 8.2828, 0.1961,
0.0854

Harmonies

Analogous

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



53.0882, 0.2765, 0.2842



53.0882, 0.2995, 0.2871



53.0882, 0.3271, 0.3000

Triad

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



53.0882, 0.2995, 0.2871



53.0882, 0.3644, 0.3633



53.0882, 0.2748, 0.3368

Complementary

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



53.0882, 0.2995, 0.2871



68.7671, 0.3243, 0.3708

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.



53.0882, 0.2971, 0.3609



53.0882, 0.2995, 0.2871



53.0882, 0.3490, 0.3759

Square

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



53.0882, 0.2995, 0.2871



53.0882, 0.3655, 0.3428



53.0882, 0.3242, 0.3755



53.0882, 0.2627, 0.3115

Rectangle

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



53.0882, 0.2995, 0.2871



53.0882, 0.3443, 0.3127



53.0882, 0.3242, 0.3755



53.0882, 0.2813, 0.3454

Sweetspot

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



53.0904, 0.2995, 0.2871



90.8818, 0.3090, 0.3166



59.4716, 0.2874, 0.3090



19.1880, 0.3084, 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.



53.0904, 0.2995, 0.2871



68.3654, 0.2968, 0.2790



55.7308, 0.3136, 0.2889



13.5598, 0.3054, 0.3053



4.9844, 0.1976, 0.0862



0.3985, 0.2146, 0.0956

Inverse Universe

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



55.0511, 0.3279, 0.3075



71.4979, 0.3312, 0.3035



66.3823, 0.3115, 0.3724



13.8206, 0.3210, 0.3167



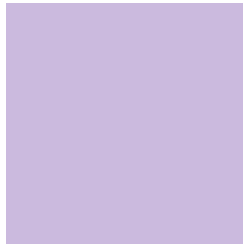
10.0087, 0.4839, 0.2440



0.7118, 0.4520, 0.2263

Previews

White Background



This preview shows how the Yxy color 53.0882, 0.2995, 0.2871 looks on a white background.

Color Contrast Check

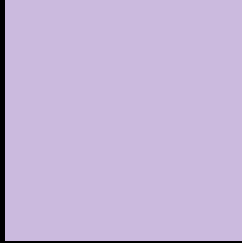
Large Text (above 18pt) WCAG AA × Fail

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 53.0882, 0.2995, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

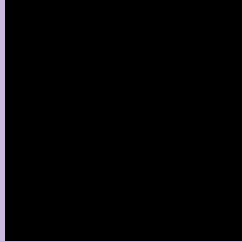
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0882, 0.2995, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 53.0882, 0.2995, 0.2871.



This preview shows how white text looks on a background with the Yxy color 53.0882, 0.2995, 0.2871.

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

53.0882, 0.2995, 0.2871

Protanopia

53.1369, 0.2847, 0.2883

Deuteranopia

53.2461, 0.2956, 0.2890



Tritanopia

53.0342, 0.3103, 0.3110

Trichromacy



Original Color

53.0882, 0.2995, 0.2871

Protanomaly

52.9835, 0.2897, 0.2875

Deuteranomaly

53.0939, 0.2971, 0.2880

Tritanomaly

53.0871, 0.3059, 0.3017

Monochromacy



Original Color

53.0882, 0.2995, 0.2871

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.1128, 0.3079, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0882, 0.2995, 0.2871 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(203, 186, 222)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 222)  
}
```

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(203, 186, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.0882, 0.2995, 0.2871 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(203, 186, 222) }
```

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

```
.border{ border-color:rgb(203, 186, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 186, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 186, 222); box-shadow:4px 4px 4px 4px rgb(203, 186, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0882, 0.2995, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 222) }
```

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

```
.background{ background-color: rgb(203,  
186, 222) }
```

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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