

Converting Colors

$Y_{xy}(53.3290, 0.2971, 0.2902)$

Have a look what the booklet for
Yxy(53.3290, 0.2971, 0.2902)
contains.

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Color

Yxy(53.3290, 0.2971, 0.2902)

Conversions

Conversions Part 1

Format	Color
Hex	C7BCDD
RGB	199, 188, 221
RGB Percent	78%, 74%, 87%
CMY	0.2195, 0.2628, 0.1332
CMYK	0.10, 0.15, 0.00, 0.13
HSL	260°, 33%, 80%
HSV	260°, 15%, 87%
XYZ	54.5970, 53.3290, 75.8404
YIQ	195.0510, -4.0370, 12.5950

Conversions

Conversions Part 2

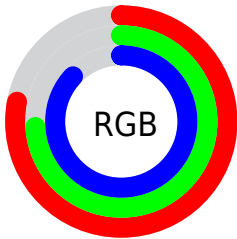
Format	Color
R _Y B	199, 188, 221
Decimal	13090013
CIE Lab	78.07, 10.17, -15.10
CIE LCh	78, 18.203, 303.954
Yxy	53.3290, 0.2971, 0.2902
Android (android.graphics.Color)	4291280093 (0xFFC7BCDD)
YUV	195.0510, 12.7929, 3.4633
Hunter-Lab	73.0267, 5.6553, -10.4557

Details

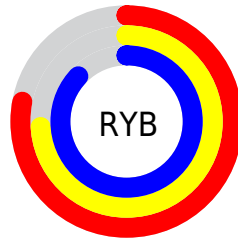
The Yxy color **53.3290, 0.2971, 0.2902** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.0563, 0.3268, 0.3669**, and the grayscale version is **54.5336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **26.1009, 0.2927, 0.2806** is the 20% darker color. If you saturate the color by 10%, you get **42.6838, 0.2847, 0.2612**, and if you desaturate by 10%, it is **65.6194, 0.3079, 0.3168**.

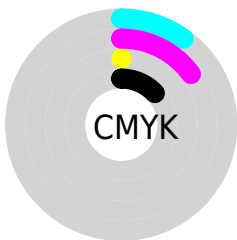
Distribution



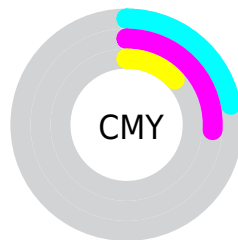
- Red (78%)
- Green (74%)
- Blue (87%)



- Red (78%)
- Yellow (74%)
- Blue (87%)



- Cyan (10%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (22%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3290, 0.2971, 0.2902 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 53.3290, 0.2971, 0.2902 by changing the saturation by 10% instead.

■ 53.3290, 0.2971,
0.2902

■ 53.3290, 0.2971,
0.2902

■ 399.5461, 0.3048,
0.3087

■ 38.0655, 0.2952,
0.2858

■ 95.0883, 0.2999,
0.2967

■ 26.0335, 0.2928,
0.2804

■ 122.3529, 0.3010,
0.2992

■ 16.8487, 0.2896,
0.2733

■ 154.3866, 0.3018,
0.3014

■ 10.1267, 0.2852,
0.2639

■ 191.5739, 0.3026,
0.3032

■ 5.4830, 0.2788,
0.2508

■ 234.2990, 0.3033,
0.3049

■ 2.5334, 0.2687,
0.2312

■ 282.9465, 0.3039,

■ 0.8933, 0.2506,

0.3063

0.1992

337.9008, 0.3044,
0.3076

0.0000, 0.0518,
0.0000

0.0000, 0.0000,
0.0000

53.3290, 0.2971,
0.2902

53.3290, 0.2971,
0.2902

42.6838, 0.2847,
0.2612

65.6194, 0.3079,
0.3168

33.6061, 0.2706,
0.2303

79.6149, 0.3172,
0.3408

26.0215, 0.2552,
0.1984

95.3807, 0.3251,
0.3622

19.8474, 0.2388,
0.1668

98.0019, 0.3327,
0.3621

■ 14.9923, 0.2220,
0.1372

■ 11.3539, 0.2059,
0.1115

■ 8.8141, 0.1912,
0.0914

■ 7.2293, 0.1789,
0.0779

■ 6.6738, 0.1736,
0.0730

Harmonies

Analogous

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



53.3290, 0.2776, 0.2893



53.3290, 0.2971, 0.2902



53.3290, 0.3216, 0.3005

Triad

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



53.3290, 0.2971, 0.2902



53.3290, 0.3600, 0.3572



53.3290, 0.2815, 0.3398

Complementary

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



53.3290, 0.2971, 0.2902



69.0563, 0.3268, 0.3669

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.



53.3290, 0.3026, 0.3603



53.3290, 0.2971, 0.2902



53.3290, 0.3482, 0.3698

Square

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



53.3290, 0.2971, 0.2902



53.3290, 0.3587, 0.3381



53.3290, 0.3271, 0.3713



53.3290, 0.2688, 0.3170

Rectangle

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



53.3290, 0.2971, 0.2902



53.3290, 0.3374, 0.3114



53.3290, 0.3271, 0.3713



53.3290, 0.2878, 0.3473

Sweetspot

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



53.3312, 0.2971, 0.2902



92.3988, 0.3088, 0.3191



62.0124, 0.2896, 0.3160



19.4804, 0.3081, 0.3172



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.



53.3312, 0.2971, 0.2902



68.7888, 0.2933, 0.2812



55.7102, 0.3100, 0.2917



12.8276, 0.3033, 0.3052



3.9315, 0.1751, 0.0738



0.3010, 0.1932, 0.0838

Inverse Universe

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



55.9909, 0.3229, 0.3042



73.1807, 0.3255, 0.2987



66.7602, 0.3148, 0.3683



13.1970, 0.3188, 0.3136



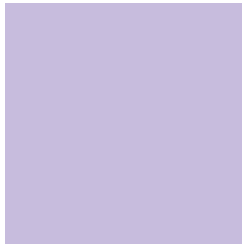
10.1775, 0.4272, 0.2127



0.6751, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 53.3290, 0.2971, 0.2902 looks on a white background.

Color Contrast Check

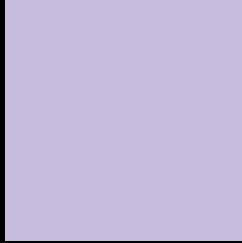
Large Text (above 18pt) WCAG AA × Fail

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 53.3290, 0.2971, 0.2902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

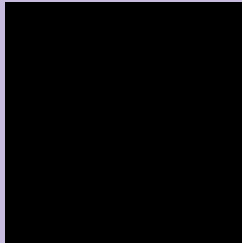
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3290, 0.2971, 0.2902

Background



This preview shows how black text looks on a background with the Yxy color 53.3290, 0.2971, 0.2902.



This preview shows how white text looks on a background with the Yxy color 53.3290, 0.2971, 0.2902.

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

53.3290, 0.2971, 0.2902

Protanopia

53.1541, 0.2867, 0.2906

Deuteranopia

53.3290, 0.2971, 0.2902



Tritanopia

53.5882, 0.3064, 0.3109

Trichromacy



Original Color

53.3290, 0.2971, 0.2902

Protanomaly

53.1772, 0.2903, 0.2908

Deuteranomaly

53.3290, 0.2971, 0.2902

Tritanomaly

53.5358, 0.3035, 0.3039

Monochromacy



Original Color

53.3290, 0.2971, 0.2902

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7947, 0.3070, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3290, 0.2971, 0.2902 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(199, 188, 221)` looks like.

```
.text, #text, p{  
    color:rgb(199, 188, 221)  
}
```

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(199, 188, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 188, 221) }
```

Border

The CSS property to change the border of an element to Yxy 53.3290, 0.2971, 0.2902 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(199, 188, 221) }
```

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

```
.border{ border-color:rgb(199, 188, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 188, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 188, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 188, 221);  
box-shadow:4px 4px 4px 4px rgb(199, 188,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3290, 0.2971, 0.2902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 188, 221) }
```

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

```
.background{ background-color: rgb(199,  
188, 221) }
```

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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