

Converting Colors

$Yxy(53.2251, 0.2893, 0.2974)$

Have a look what the booklet for
Yxy(53.2251, 0.2893, 0.2974)
contains.

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Color

Yxy(53.2003, 0.2894, 0.2975)

Conversions

Conversions Part 1

Format	Color
Hex	BAC0DA
RGB	186, 192, 218
RGB Percent	73%, 75%, 85%
CMY	0.2706, 0.2470, 0.1451
CMYK	0.15, 0.12, 0.00, 0.15
HSL	229°, 30%, 79%
HSV	229°, 15%, 85%
XYZ	51.7518, 53.2003, 73.8724
YIQ	193.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

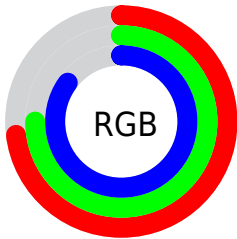
Format	Color
R _Y B	186, 191, 218
Decimal	12239066
CIE Lab	77.99, 3.14, -13.68
CIE LCh	78, 14.040, 282.942
Yxy	53.2003, 0.2894, 0.2975
Android (android.graphics.Color)	4290429146 (0xFFBAC0DA)
YUV	193.1700, 12.2412, -6.2881
Hunter-Lab	72.9385, -0.9920, -8.9922

Details

The Yxy color **53.2003, 0.2894, 0.2975** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.5291, 0.3356, 0.3587**, and the grayscale version is **53.3656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2320, 0.3049, 0.3221**, and **26.0961, 0.2837, 0.2901** is the 20% darker color. If you saturate the color by 10%, you get **43.3656, 0.2717, 0.2728**, and if you desaturate by 10%, it is **64.3909, 0.3056, 0.3196**.

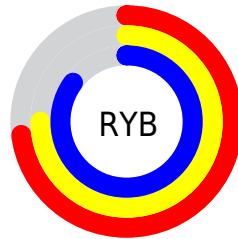
Distribution



Red (73%)

Green (75%)

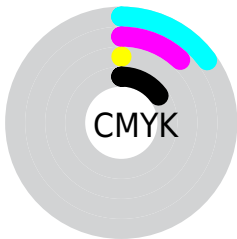
Blue (85%)



Red (73%)

Yellow (75%)

Blue (85%)

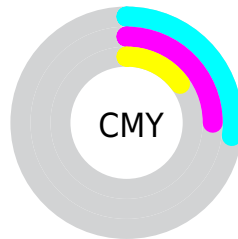


Cyan (15%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (27%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2003, 0.2894, 0.2975 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 53.2003, 0.2894, 0.2975 by changing the saturation by 10% instead.

■ 53.2003, 0.2894,
0.2975

■ 53.2003, 0.2894,
0.2975

■ 399.0531, 0.3008,
0.3127

■ 37.9627, 0.2866,
0.2939

■ 94.8990, 0.2935,
0.3029

■ 25.9537, 0.2832,
0.2893

■ 122.1290, 0.2950,
0.3050

■ 16.7890, 0.2786,
0.2833

■ 154.1251, 0.2963,
0.3067

■ 10.0842, 0.2724,
0.2753

■ 191.2719, 0.2975,
0.3083

■ 5.4548, 0.2635,
0.2639

■ 233.9537, 0.2985,
0.3096

■ 2.5165, 0.2497,
0.2465

■ 282.5549, 0.2993,

■ 0.8849, 0.2258,

0.3108

0.2171

337.4599, 0.3001,
0.3118

0.0000, 0.0000,
0.0000

53.2003, 0.2894,
0.2975

53.2003, 0.2894,
0.2975

43.3656, 0.2717,
0.2728

64.3909, 0.3056,
0.3196

34.8282, 0.2528,
0.2455

76.9796, 0.3203,
0.3390

27.5352, 0.2333,
0.2163

91.0153, 0.3335,
0.3560

21.4274, 0.2138,
0.1859

97.8421, 0.3345,
0.3651

16.4404, 0.1955,
0.1559

■ 12.5038, 0.1793,
0.1277

■ 9.5385, 0.1666,
0.1034

■ 7.4531, 0.1578,
0.0843

■ 6.6477, 0.1546,
0.0764

Harmonies

Analogous

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



53.2003, 0.2790, 0.3026



53.2003, 0.2894, 0.2975



53.2003, 0.3062, 0.3004

Triad

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



53.2003, 0.2894, 0.2975



53.2003, 0.3495, 0.3411



53.2003, 0.2997, 0.3488

Complementary

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



53.2003, 0.2894, 0.2975



65.5291, 0.3356, 0.3587

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.



53.2003, 0.3183, 0.3598



53.2003, 0.2894, 0.2975



53.2003, 0.3475, 0.3546

Square

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



53.2003, 0.2894, 0.2975



53.2003, 0.3413, 0.3250



53.2003, 0.3359, 0.3618



53.2003, 0.2848, 0.3321

Rectangle

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



53.2003, 0.2894, 0.2975



53.2003, 0.3190, 0.3064



53.2003, 0.3359, 0.3618



53.2003, 0.3057, 0.3533

Sweetspot

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



53.2025, 0.2894, 0.2975



92.9458, 0.3066, 0.3209



65.3156, 0.2945, 0.3365



19.6181, 0.3055, 0.3194



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.



53.2025, 0.2894, 0.2975



70.7936, 0.2834, 0.2892



51.8558, 0.2966, 0.2909



13.0114, 0.2981, 0.3094



4.0987, 0.1551, 0.0783



0.3838, 0.1631, 0.1070

Inverse Universe

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



53.8246, 0.3350, 0.3221



71.9579, 0.3414, 0.3203



67.1571, 0.3274, 0.3661



13.0913, 0.3262, 0.3246



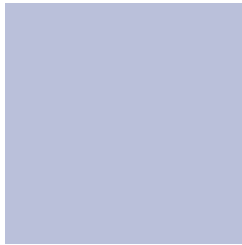
9.0375, 0.6096, 0.3132



0.5974, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 53.2003, 0.2894, 0.2975 looks on a white background.

Color Contrast Check

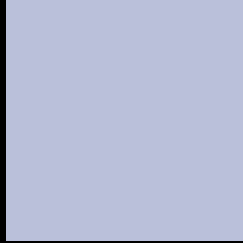
Large Text (above 18pt) WCAG AA × Fail

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 53.2003, 0.2894, 0.2975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

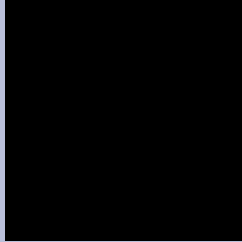
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

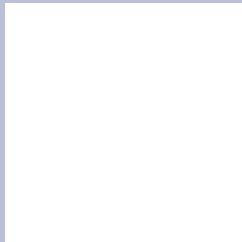
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 53.2003, 0.2894, 0.2975

Background



This preview shows how black text looks on a background with the Yxy color 53.2003, 0.2894, 0.2975.



This preview shows how white text looks on a background with the Yxy color 53.2003, 0.2894, 0.2975.

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

53.2003, 0.2894, 0.2975

Protanopia

53.1424, 0.2916, 0.2965

Deuteranopia

53.2230, 0.2985, 0.2925



Tritanopia

53.3774, 0.2942, 0.3105

Trichromacy



Original Color

53.2003, 0.2894, 0.2975

Protanomaly

53.0149, 0.2909, 0.2964

Deuteranomaly

52.9790, 0.2947, 0.2933

Tritanomaly

53.2077, 0.2928, 0.3057

Monochromacy



Original Color

53.2003, 0.2894, 0.2975

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.3513, 0.3037, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2003, 0.2894, 0.2975 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(186, 192, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 192, 218)  
}
```

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(186, 192, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 192, 218) }
```

Border

The CSS property to change the border of an element to Yxy 53.2003, 0.2894, 0.2975 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(186, 192, 218) }
```

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

```
.border{ border-color:rgb(186, 192, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 192, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 192, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 192, 218);  
box-shadow:4px 4px 4px 4px rgb(186, 192,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2003, 0.2894, 0.2975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 192, 218) }
```

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

```
.background{ background-color: rgb(186,  
192, 218) }
```

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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