

Converting Colors

$Y_{xy}(53.2120, 0.2996, 0.2927)$

Have a look what the booklet for
Yxy(53.2120, 0.2996, 0.2927)
contains.

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Color

Yxy(53.3603, 0.2993, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	C8BCDB
RGB	200, 188, 219
RGB Percent	78%, 74%, 86%
CMY	0.2158, 0.2627, 0.1413
CMYK	0.09, 0.14, 0.00, 0.14
HSL	263°, 30%, 80%
HSV	263°, 14%, 86%
XYZ	54.5822, 53.3603, 74.4236
YIQ	195.1220, -2.7990, 12.1850

Conversions

Conversions Part 2

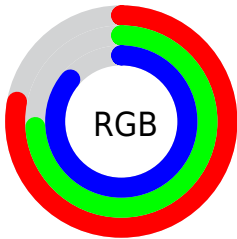
Format	Color
R _Y B	200, 188, 219
Decimal	13155547
CIE Lab	78.09, 10.05, -13.96
CIE LCh	78, 17.199, 305.758
Yxy	53.3603, 0.2993, 0.2926
Android (android.graphics.Color)	4291345627 (0xFFC8BCDB)
YUV	195.1220, 11.7719, 4.2780
Hunter-Lab	73.0481, 5.5424, -9.2727

Details

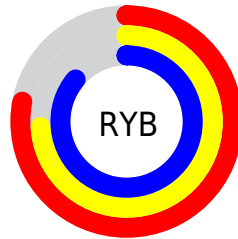
The Yxy color **53.3603, 0.2993, 0.2926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.5490, 0.3248, 0.3649**, and the grayscale version is **54.5788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **26.1193, 0.2956, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **42.9358, 0.2880, 0.2641**, and if you desaturate by 10%, it is **65.3713, 0.3091, 0.3189**.

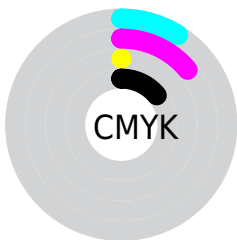
Distribution



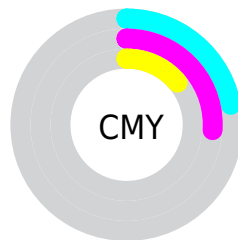
- Red (78%)
- Green (74%)
- Blue (86%)



- Red (78%)
- Yellow (74%)
- Blue (86%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)




- Cyan (22%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.3603, 0.2993, 0.2926 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 53.3603, 0.2993, 0.2926 by changing the saturation by 10% instead.


 53.3603, 0.2993,
0.2926

 53.3603, 0.2993,
0.2926

399.6659, 0.3060,
0.3100

 38.0905, 0.2977,
0.2885


 95.1343, 0.3017,
0.2987

 26.0529, 0.2956,
0.2833


122.4073, 0.3026,
0.3011

 16.8632, 0.2928,
0.2767


154.4502, 0.3034,
0.3031

 10.1370, 0.2890,
0.2679

191.6473, 0.3041,
0.3049

 5.4899, 0.2834,
0.2554

234.3830, 0.3046,
0.3064

 2.5375, 0.2745,
0.2368

283.0417, 0.3051,

 0.8953, 0.2585,

0.3077

0.2061

338.0079, 0.3056,
0.3089

0.0000, 0.0558,
0.0000

0.0000, 0.0000,
0.0000

53.3603, 0.2993,
0.2926

53.3603, 0.2993,
0.2926

42.9358, 0.2880,
0.2641

65.3713, 0.3091,
0.3189

34.0233, 0.2752,
0.2338

79.0258, 0.3175,
0.3426

26.5519, 0.2610,
0.2025

94.3862, 0.3245,
0.3640

20.4425, 0.2458,
0.1716

97.6509, 0.3331,
0.3642

■ 15.6082, 0.2301,
0.1426

■ 97.8932, 0.3340,
0.3641

■ 11.9515, 0.2146,
0.1172

■ 9.3601, 0.2002,
0.0970

■ 7.6984, 0.1877,
0.0831

■ 7.0275, 0.1813,
0.0772

Harmonies

Analogous

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



53.3603, 0.2804, 0.2912



53.3603, 0.2993, 0.2926



53.3603, 0.3225, 0.3028

Triad

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



53.3603, 0.2993, 0.2926



53.3603, 0.3570, 0.3567



53.3603, 0.2822, 0.3379

Complementary

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



53.3603, 0.2993, 0.2926



67.5490, 0.3248, 0.3649

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.



53.3603, 0.3019, 0.3575



53.3603, 0.2993, 0.2926



53.3603, 0.3453, 0.3680

Square

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



53.3603, 0.2993, 0.2926



53.3603, 0.3565, 0.3389



53.3603, 0.3250, 0.3686



53.3603, 0.2708, 0.3165

Rectangle

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



53.3603, 0.2993, 0.2926



53.3603, 0.3373, 0.3134



53.3603, 0.3250, 0.3686



53.3603, 0.2881, 0.3450

Sweetspot

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



53.3626, 0.2993, 0.2926



92.4963, 0.3092, 0.3191



60.4843, 0.2908, 0.3149



19.5050, 0.3085, 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.



53.3626, 0.2993, 0.2926



70.6924, 0.2961, 0.2843



55.5881, 0.3115, 0.2939



12.8613, 0.3041, 0.3053



4.2266, 0.1828, 0.0780



0.3226, 0.2012, 0.0882

Inverse Universe

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



55.5344, 0.3236, 0.3074



74.3596, 0.3262, 0.3026



65.4400, 0.3136, 0.3661



13.1851, 0.3196, 0.3148



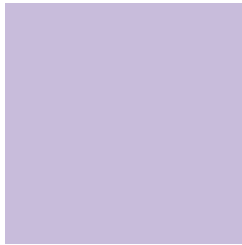
9.9785, 0.4478, 0.2241



0.6631, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 53.3603, 0.2993, 0.2926 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 53.3603, 0.2993, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

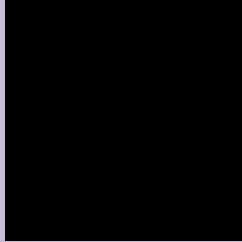
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.3603, 0.2993, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 53.3603, 0.2993, 0.2926.



This preview shows how white text looks on a background with the Yxy color 53.3603, 0.2993, 0.2926.

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

53.3603, 0.2993, 0.2926

Protanopia

53.6111, 0.2889, 0.2942

Deuteranopia

53.3603, 0.2993, 0.2926



Tritanopia

53.2405, 0.3079, 0.3110

Trichromacy



Original Color

53.3603, 0.2993, 0.2926

Protanomaly

53.6354, 0.2925, 0.2944

Deuteranomaly

53.3603, 0.2993, 0.2926

Tritanomaly

53.1904, 0.3050, 0.3039

Monochromacy



Original Color

53.3603, 0.2993, 0.2926

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.9292, 0.3078, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3603, 0.2993, 0.2926 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(200, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(200, 188, 219)  
}
```

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(200, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 188, 219) }
```

Border

The CSS property to change the border of an element to Yxy 53.3603, 0.2993, 0.2926 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(200, 188, 219) }
```

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

```
.border{ border-color:rgb(200, 188, 219) }
```

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

Here you see how a box with a 4 pixel rgb(200, 188, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(200, 188,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3603, 0.2993, 0.2926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 188, 219) }
```

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

```
.background{ background-color: rgb(200,  
188, 219) }
```

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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