

Converting Colors

$Y_{xy}(53.7385, 0.2986, 0.2894)$

Have a look what the booklet for
Yxy(53.7385, 0.2986, 0.2894)
contains.

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Color

Yxy(53.7969, 0.2987, 0.2894)

Conversions

Conversions Part 1

Format	Color
Hex	CABCDE
RGB	202, 188, 222
RGB Percent	79%, 74%, 87%
CMY	0.2078, 0.2627, 0.1294
CMYK	0.09, 0.15, 0.00, 0.13
HSL	265°, 34%, 80%
HSV	265°, 15%, 87%
XYZ	55.5257, 53.7969, 76.5686
YIQ	196.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

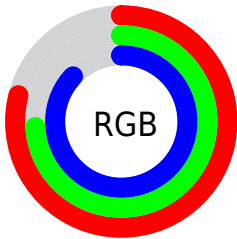
Format	Color
R _Y B	202, 188, 222
Decimal	13286622
CIE Lab	78.34, 11.33, -15.19
CIE LCh	78, 18.951, 306.711
Yxy	53.7969, 0.2987, 0.2894
Android (android.graphics.Color)	4291476702 (0xFFCABCDE)
YUV	196.0620, 12.7874, 5.2076
Hunter-Lab	73.3464, 6.7744, -10.5522

Details

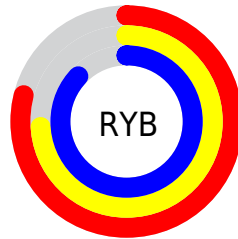
The Yxy color **53.7969, 0.2987, 0.2894** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.2885, 0.3252, 0.3681**, and the grayscale version is **55.1655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **26.4139, 0.2949, 0.2796** is the 20% darker color. If you saturate the color by 10%, you get **43.2864, 0.2877, 0.2608**, and if you desaturate by 10%, it is **65.9252, 0.3082, 0.3159**.

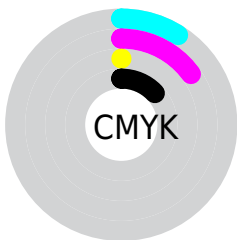
Distribution



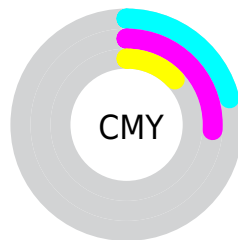
- Red (79%)
- Green (74%)
- Blue (87%)



- Red (79%)
- Yellow (74%)
- Blue (87%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)





- Cyan (21%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7969, 0.2987, 0.2894 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 53.7969, 0.2987, 0.2894 by changing the saturation by 10% instead.


 53.7969, 0.2987,
0.2894

 53.7969, 0.2987,
0.2894


401.3351, 0.3057,
0.3082

 38.4393, 0.2970,
0.2850


 95.7760, 0.3012,
0.2960

 26.3238, 0.2948,
0.2794


123.1662, 0.3022,
0.2986

 17.0661, 0.2919,
0.2723


155.3362, 0.3030,
0.3008

 10.2816, 0.2879,
0.2629

192.6702, 0.3037,
0.3027

 5.5861, 0.2821,
0.2497

235.5527, 0.3043,
0.3043

 2.5951, 0.2728,
0.2301

284.3681, 0.3048,

 0.9242, 0.2563,

0.3058

0.1983

339.5008, 0.3053,
0.3071

0.0000, 0.1060,
0.0000

0.0000, 0.0000,
0.0000

53.7969, 0.2987,
0.2894

53.7969, 0.2987,
0.2894

43.2864, 0.2877,
0.2608

65.9252, 0.3082,
0.3159

34.3165, 0.2752,
0.2305

79.7303, 0.3164,
0.3400

26.8141, 0.2615,
0.1995

95.2767, 0.3232,
0.3616

20.6970, 0.2467,
0.1691

97.9119, 0.3317,
0.3612

■ 15.8746, 0.2315,
0.1408

■ 98.0543, 0.3321,
0.3611

■ 12.2454, 0.2165,
0.1163

■ 9.6916, 0.2025,
0.0971

■ 8.0695, 0.1903,
0.0840

■ 7.5184, 0.1852,
0.0794

Harmonies

Analogous

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



53.7969, 0.2777, 0.2875



53.7969, 0.2987, 0.2894



53.7969, 0.3242, 0.3008

Triad

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



53.7969, 0.2987, 0.2894



53.7969, 0.3612, 0.3598



53.7969, 0.2787, 0.3380

Complementary

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



53.7969, 0.2987, 0.2894



69.2885, 0.3252, 0.3681

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.



53.7969, 0.3000, 0.3599



53.7969, 0.2987, 0.2894



53.7969, 0.3479, 0.3720

Square

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



53.7969, 0.2987, 0.2894



53.7969, 0.3612, 0.3404



53.7969, 0.3253, 0.3725



53.7969, 0.2666, 0.3144

Rectangle

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



53.7969, 0.2987, 0.2894



53.7969, 0.3404, 0.3125



53.7969, 0.3253, 0.3725



53.7969, 0.2850, 0.3459

Sweetspot

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



53.7992, 0.2987, 0.2894



90.7381, 0.3085, 0.3166



61.2760, 0.2890, 0.3129



19.1532, 0.3078, 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.



53.7992, 0.2987, 0.2894



69.3632, 0.2957, 0.2815



56.2415, 0.3118, 0.2910



13.5174, 0.3045, 0.3052



4.5270, 0.1867, 0.0802



0.3653, 0.2041, 0.0898

Inverse Universe

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



56.0533, 0.3253, 0.3064



72.9722, 0.3280, 0.3021



67.0061, 0.3132, 0.3696



13.8352, 0.3201, 0.3153



10.2140, 0.4582, 0.2298



0.7257, 0.4313, 0.2150

Previews

White Background



This preview shows how the Yxy color 53.7969, 0.2987, 0.2894 looks on a white background.

Color Contrast Check

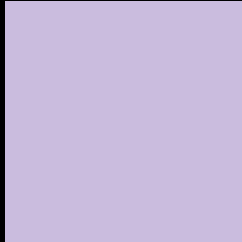
Large Text (above 18pt) WCAG AA × Fail

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 53.7969, 0.2987, 0.2894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

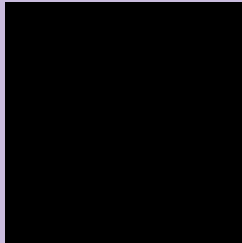
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7969, 0.2987, 0.2894

Background



This preview shows how black text looks on a background with the Yxy color 53.7969, 0.2987, 0.2894.



This preview shows how white text looks on a background with the Yxy color 53.7969, 0.2987, 0.2894.

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

53.7969, 0.2987, 0.2894

Protanopia

53.8269, 0.2862, 0.2897

Deuteranopia

53.8112, 0.2964, 0.2903



Tritanopia

53.8599, 0.3079, 0.3110

Trichromacy



Original Color

53.7969, 0.2987, 0.2894

Protanomaly

53.9809, 0.2905, 0.2900

Deuteranomaly

53.9485, 0.2972, 0.2904

Tritanomaly

53.8597, 0.3044, 0.3029

Monochromacy



Original Color

53.7969, 0.2987, 0.2894

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.5535, 0.3078, 0.3146

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7969, 0.2987, 0.2894 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(202, 188, 222)` looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 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(202, 188, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 222) }
```

Border

The CSS property to change the border of an element to Yxy 53.7969, 0.2987, 0.2894 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(202, 188, 222) }
```

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

```
.border{ border-color:rgb(202, 188, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 188, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 188, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 188, 222); box-shadow:4px 4px 4px 4px rgb(202, 188, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7969, 0.2987, 0.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 222) }
```

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

```
.background{ background-color: rgb(202,  
188, 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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