

Converting Colors

Yxy(57.9523, 0.3055, 0.2994)

Have a look what the booklet for
Yxy(57.9523, 0.3055, 0.2994)
contains.

Yxy(57.9523, 0.3055, 0.2994)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9523, 0.3055, 0.2994)

Conversions

Conversions Part 1

Format	Color
Hex	D2C3DD
RGB	210, 195, 221
RGB Percent	82%, 76%, 87%
CMY	0.1767, 0.2352, 0.1333
CMYK	0.05, 0.12, 0.00, 0.13
HSL	274°, 28%, 82%
HSV	274°, 12%, 87%
XYZ	59.1330, 57.9523, 76.4761
YIQ	202.4490, 0.5940, 11.2660

Conversions

Conversions Part 2

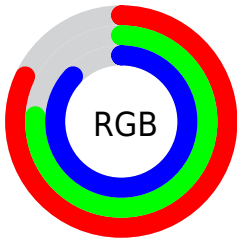
Format	Color
R_{YB}	210, 195, 221
Decimal	13812701
CIE _{Lab}	80.71, 9.98, -11.04
CIE _{LCh}	81, 14.878, 312.121
Yxy	57.9523, 0.3055, 0.2994
Android (android.graphics.Color)	4292002781 (0xFFD2C3DD)
YUV	202.4490, 9.1456, 6.6222
Hunter-Lab	76.1264, 5.4330, -6.2739

Details

The Yxy color **57.9523, 0.3055, 0.2994** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.7878, 0.3192, 0.3589**, and the grayscale version is **59.2968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **28.7715, 0.3030, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **47.4322, 0.2982, 0.2723**, and if you desaturate by 10%, it is **70.0242, 0.3117, 0.3248**.

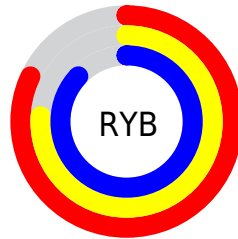
Distribution



Red (82%)

Green (76%)

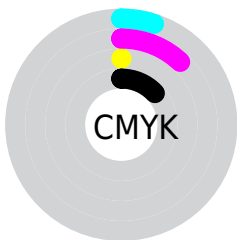
Blue (87%)



Red (82%)

Yellow (76%)

Blue (87%)

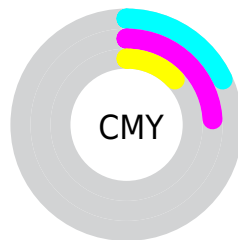


Cyan (5%)

Magenta (12%)

Yellow (0%)

Black (13%)



Cyan (18%)


Magenta (24%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9523, 0.3055, 0.2994 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 57.9523, 0.3055, 0.2994 by changing the saturation by 10% instead.


 57.9523, 0.3055,
0.2994

 57.9523, 0.3055,
0.2994


417.0082, 0.3091,
0.3134

 41.7703, 0.3046,
0.2961


 101.8534, 0.3068,
0.3043

 28.9215, 0.3035,
0.2921


130.3413, 0.3073,
0.3062

 19.0214, 0.3020,
0.2868


163.6999, 0.3077,
0.3078

 11.6858, 0.3000,
0.2799

202.3137, 0.3080,
0.3092

 6.5301, 0.2970,
0.2703

246.5670, 0.3084,
0.3105

 3.1700, 0.2924,
0.2561

296.8443, 0.3086,

 1.2211, 0.2841,

0.3116

0.2329

353.5299, 0.3089,
0.3125

0.0789, 0.2539,
0.0628

0.0000, 0.0000,
0.0000

57.9523, 0.3055,
0.2994

57.9523, 0.3055,
0.2994

47.4322, 0.2982,
0.2723

70.0242, 0.3117,
0.3248

38.3909, 0.2897,
0.2439

83.7021, 0.3170,
0.3481

30.7607, 0.2802,
0.2150

94.9454, 0.3219,
0.3633

24.4653, 0.2697,
0.1866

96.6174, 0.3279,
0.3626

■ 19.4211, 0.2585,
0.1601

■ 98.0005, 0.3327,
0.3621

■ 15.5349, 0.2470,
0.1369

■ 12.6997, 0.2356,
0.1181

■ 10.7874, 0.2248,
0.1045

■ 9.7294, 0.2165,
0.0967

Harmonies

Analogous

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



57.9523, 0.2883, 0.2966



57.9523, 0.3055, 0.2994



57.9523, 0.3251, 0.3095

Triad

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



57.9523, 0.3055, 0.2994



57.9523, 0.3487, 0.3551



57.9523, 0.2843, 0.3327

Complementary

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



57.9523, 0.3055, 0.2994



68.7878, 0.3192, 0.3589

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.



57.9523, 0.2997, 0.3498



57.9523, 0.3055, 0.2994



57.9523, 0.3370, 0.3627

Square

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



57.9523, 0.3055, 0.2994



57.9523, 0.3505, 0.3410



57.9523, 0.3190, 0.3609



57.9523, 0.2764, 0.3151

Rectangle

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



57.9523, 0.3055, 0.2994



57.9523, 0.3369, 0.3191



57.9523, 0.3190, 0.3609



57.9523, 0.2887, 0.3388

Sweetspot

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



57.9548, 0.3055, 0.2994



92.8499, 0.3104, 0.3192



61.1034, 0.2944, 0.3118



19.5945, 0.3099, 0.3173



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.



57.9548, 0.3055, 0.2994



76.5315, 0.3039, 0.2932



59.5415, 0.3153, 0.3021



12.9846, 0.3070, 0.3055



5.7199, 0.2180, 0.0975



0.4210, 0.2343, 0.1065

Inverse Universe

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



58.8728, 0.3252, 0.3166



78.0485, 0.3281, 0.3140



67.3389, 0.3102, 0.3575



13.1430, 0.3225, 0.3191



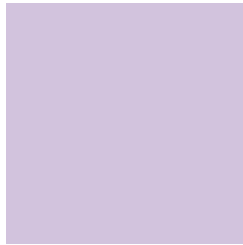
9.4215, 0.5262, 0.2672



0.6274, 0.4847, 0.2444

Previews

White Background



This preview shows how the Yxy color 57.9523, 0.3055, 0.2994 looks on a white background.

Color Contrast Check

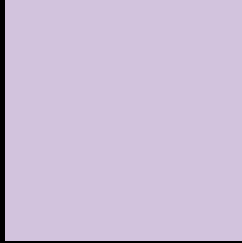
Large Text (above 18pt) WCAG AA × Fail

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 57.9523, 0.3055, 0.2994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

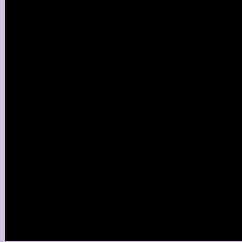
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9523, 0.3055, 0.2994

Background



This preview shows how black text looks on a background with the Yxy color 57.9523, 0.3055, 0.2994.



This preview shows how white text looks on a background with the Yxy color 57.9523, 0.3055, 0.2994.

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

57.9523, 0.3055, 0.2994

Protanopia

58.0449, 0.2944, 0.3010

Deuteranopia

57.9523, 0.3055, 0.2994



Tritanopia

58.2413, 0.3112, 0.3117

Trichromacy



Original Color

57.9523, 0.3055, 0.2994

Protanomaly

58.2186, 0.2988, 0.3013

Deuteranomaly

57.9523, 0.3055, 0.2994

Tritanomaly

57.9415, 0.3091, 0.3071

Monochromacy



Original Color

57.9523, 0.3055, 0.2994

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4294, 0.3102, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9523, 0.3055, 0.2994 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(210, 195, 221)` looks like.

```
.text, #text, p{  
    color:rgb(210, 195, 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(210, 195, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 195, 221) }
```

Border

The CSS property to change the border of an element to Yxy 57.9523, 0.3055, 0.2994 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(210, 195, 221) }
```

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

```
.border{ border-color:rgb(210, 195, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 195, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 195, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 195, 221);  
box-shadow:4px 4px 4px 4px rgb(210, 195,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9523, 0.3055, 0.2994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 195, 221) }
```

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

```
.background{ background-color: rgb(210,  
195, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor