

Converting Colors

Yxy(54.9513, 0.3104, 0.2926)

Have a look what the booklet for
Yxy(54.9513, 0.3104, 0.2926)
contains.

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Color

Yxy(54.9513, 0.3104, 0.2926)

Conversions

Conversions Part 1

Format	Color
Hex	D6BBDB
RGB	214, 187, 219
RGB Percent	84%, 73%, 86%
CMY	0.1607, 0.2667, 0.1411
CMYK	0.02, 0.15, 0.00, 0.14
HSL	291°, 31%, 80%
HSV	291°, 15%, 86%
XYZ	58.2942, 54.9513, 74.5580
YIQ	198.7210, 5.8200, 15.6760

Conversions

Conversions Part 2

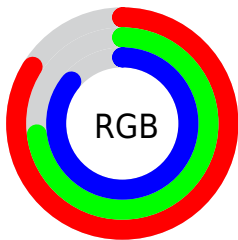
Format	Color
R_{YB}	214, 187, 219
Decimal	14072795
CIE _{Lab}	79.01, 15.27, -12.47
CIE _{LCh}	79, 19.716, 320.781
Yxy	54.9513, 0.3104, 0.2926
Android (android.graphics.Color)	4292262875 (0xFFD6BBDB)
YUV	198.7210, 9.9975, 13.3997
Hunter-Lab	74.1291, 10.6441, -7.7426

Details

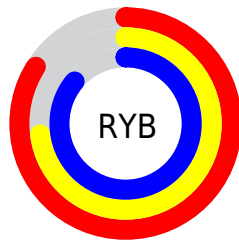
The Yxy color **54.9513, 0.3104, 0.2926** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.4596, 0.3145, 0.3674**, and the grayscale version is **56.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **27.1015, 0.3094, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **45.8515, 0.3083, 0.2667**, and if you desaturate by 10%, it is **65.4836, 0.3121, 0.3178**.

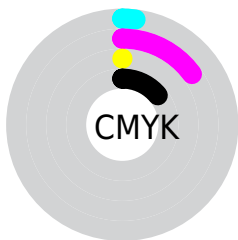
Distribution



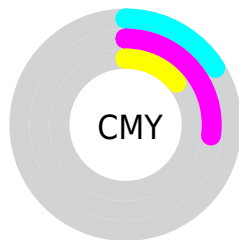
- Red (84%)
- Green (73%)
- Blue (86%)



- Red (84%)
- Yellow (73%)
- Blue (86%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)





- Cyan (16%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9513, 0.3104, 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 54.9513, 0.3104, 0.2926 by changing the saturation by 10% instead.


 54.9513, 0.3104,
0.2926

 54.9513, 0.3104,
0.2926


405.7273, 0.3117,
0.3098

 39.3627, 0.3100,
0.2886

 97.4696, 0.3109,
0.2986

 27.0420, 0.3095,
0.2836


125.1681, 0.3111,
0.3010

 17.6048, 0.3089,
0.2771


157.6721, 0.3112,
0.3030

 10.6666, 0.3079,
0.2686

195.3659, 0.3114,
0.3047

 5.8431, 0.3063,
0.2567

238.6339, 0.3115,
0.3062

 2.7499, 0.3035,
0.2391

287.8606, 0.3116,

 1.0026, 0.2980,

0.3076

0.2107

343.4302, 0.3117,
0.3088

■ 0.0000, 0.2633,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9513, 0.3104,
0.2926

■ 54.9513, 0.3104,
0.2926

■ 45.8515, 0.3083,
0.2667

■ 65.4836, 0.3121,
0.3178

■ 38.1132, 0.3058,
0.2407

■ 77.5012, 0.3134,
0.3417

■ 31.6696, 0.3028,
0.2155

■ 91.0632, 0.3144,
0.3640

■ 26.4457, 0.2995,
0.1922

■ 93.0741, 0.3164,
0.3661

■ 22.3589, 0.2957,
0.1718

■ 93.6362, 0.3185,
0.3658

■ 19.3159, 0.2918,
0.1552

■ 94.2094, 0.3207,
0.3656

■ 17.2088, 0.2877,
0.1430

■ 94.7937, 0.3229,
0.3653

■ 15.9059, 0.2836,
0.1353

■ 95.3891, 0.3250,
0.3651

■ 15.4185, 0.2814,
0.1324

■ 95.9958, 0.3272,
0.3648

Harmonies

Analogous

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



54.9513, 0.2858, 0.2858



54.9513, 0.3104, 0.2926



54.9513, 0.3366, 0.3081

Triad

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



54.9513, 0.3104, 0.2926



54.9513, 0.3579, 0.3680



54.9513, 0.2703, 0.3266

Complementary

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



54.9513, 0.3104, 0.2926



65.4596, 0.3145, 0.3674

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.



54.9513, 0.2883, 0.3511



54.9513, 0.3104, 0.2926



54.9513, 0.3389, 0.3754

Square

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



54.9513, 0.3104, 0.2926



54.9513, 0.3647, 0.3507



54.9513, 0.3133, 0.3694



54.9513, 0.2634, 0.3040

Rectangle

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



54.9513, 0.3104, 0.2926



54.9513, 0.3512, 0.3217



54.9513, 0.3133, 0.3694



54.9513, 0.2753, 0.3349

Sweetspot

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



54.9537, 0.3104, 0.2926



93.3639, 0.3122, 0.3192



53.5240, 0.2895, 0.2968



19.7248, 0.3120, 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.



54.9537, 0.3104, 0.2926



72.7998, 0.3097, 0.2835



55.1710, 0.3226, 0.3047



13.1669, 0.3113, 0.3058



9.1807, 0.2820, 0.1327



0.6230, 0.2887, 0.1364

Inverse Universe

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



54.4051, 0.3357, 0.3233



71.8806, 0.3425, 0.3218



65.2942, 0.3040, 0.3546



13.0844, 0.3267, 0.3254



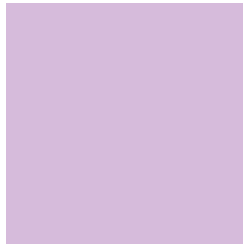
9.0090, 0.6173, 0.3174



0.5942, 0.5766, 0.2950

Previews

White Background



This preview shows how the Yxy color 54.9513, 0.3104, 0.2926 looks on a white background.

Color Contrast Check

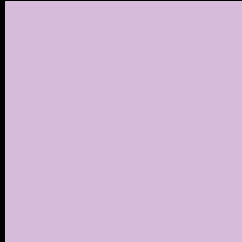
Large Text (above 18pt) WCAG AA × Fail

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 54.9513, 0.3104, 0.2926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

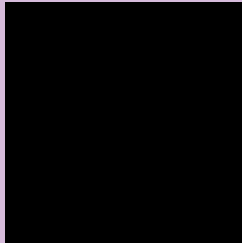
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.9513, 0.3104, 0.2926

Background



This preview shows how black text looks on a background with the Yxy color 54.9513, 0.3104, 0.2926.



This preview shows how white text looks on a background with the Yxy color 54.9513, 0.3104, 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

54.9513, 0.3104, 0.2926

Protanopia

55.0418, 0.2891, 0.2935

Deuteranopia

55.1609, 0.3031, 0.2976



Tritanopia

54.7519, 0.3201, 0.3116

Trichromacy



Original Color

54.9513, 0.3104, 0.2926

Protanomaly

54.6776, 0.2964, 0.2927

Deuteranomaly

55.2988, 0.3063, 0.2967

Tritanomaly

54.7160, 0.3171, 0.3048

Monochromacy



Original Color

54.9513, 0.3104, 0.2926

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3238, 0.3117, 0.3160

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.9513, 0.3104, 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(214, 187, 219)` looks like.

```
.text, #text, p{  
    color:rgb(214, 187, 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(214, 187, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 187, 219) }
```

Border

The CSS property to change the border of an element to Yxy 54.9513, 0.3104, 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(214, 187, 219) }
```

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

```
.border{ border-color:rgb(214, 187, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 187, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 187, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 187, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 187,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 54.9513, 0.3104, 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(214, 187, 219) }
```

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

```
.background{ background-color: rgb(214,  
187, 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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