

Converting Colors

$Y_{xy}(52.1155, 0.3113, 0.2918)$

Have a look what the booklet for
Yxy(52.1155, 0.3113, 0.2918)
contains.

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Color

Yxy(52.0126, 0.3111, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	D2B6D6
RGB	210, 182, 214
RGB Percent	82%, 71%, 84%
CMY	0.1767, 0.2862, 0.1608
CMYK	0.02, 0.15, 0.00, 0.16
HSL	292°, 28%, 78%
HSV	292°, 15%, 84%
XYZ	55.4338, 52.0126, 70.7400
YIQ	194.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

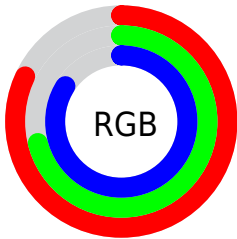
Format	Color
R_{YB}	210, 182, 214
Decimal	13809366
CIE _{Lab}	77.29, 15.64, -12.38
CIE _{LCh}	77, 19.949, 321.648
Yxy	52.0126, 0.3111, 0.2919
Android (android.graphics.Color)	4291999446 (0xFFD2B6D6)
YUV	194.0200, 9.8501, 14.0145
Hunter-Lab	72.1198, 10.9918, -7.6718

Details

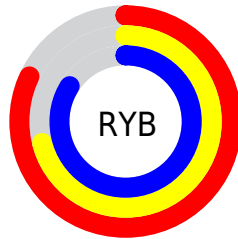
The Yxy color **52.0126, 0.3111, 0.2919** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.9239, 0.3138, 0.3683**, and the grayscale version is **53.8976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **25.1723, 0.3104, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **43.5126, 0.3096, 0.2662**, and if you desaturate by 10%, it is **61.8634, 0.3123, 0.3170**.

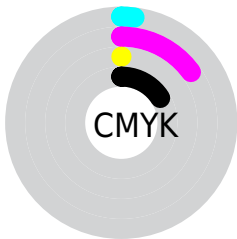
Distribution



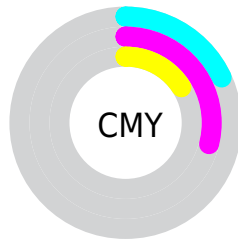
- Red (82%)
- Green (71%)
- Blue (84%)



- Red (82%)
- Yellow (71%)
- Blue (84%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (16%)





- Cyan (18%)
- Magenta (29%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0126, 0.3111, 0.2919 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 52.0126, 0.3111, 0.2919 by changing the saturation by 10% instead.


 52.0126, 0.3111,
0.2919

 52.0126, 0.3111,
0.2919


394.4852, 0.3121,
0.3096

 37.0151, 0.3108,
0.2877


 93.1498, 0.3115,
0.2982

 25.2192, 0.3104,
0.2825


120.0584, 0.3116,
0.3005

 16.2404, 0.3098,
0.2757


151.7060, 0.3118,
0.3026

 9.6945, 0.3089,
0.2667

188.4772, 0.3118,
0.3044

 5.1968, 0.3075,
0.2541

230.7564, 0.3119,
0.3059

 2.3632, 0.3049,
0.2351

278.9278, 0.3120,

 0.8069, 0.2993,

0.3073

0.2034

333.3760, 0.3121,
0.3085

■ 0.0000, 0.1521,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.0126, 0.3111,
0.2919

■ 52.0126, 0.3111,
0.2919

■ 43.5126, 0.3096,
0.2662

■ 61.8634, 0.3123,
0.3170

■ 36.2960, 0.3078,
0.2405

■ 73.1150, 0.3131,
0.3409

■ 30.2999, 0.3055,
0.2158

■ 85.8233, 0.3137,
0.3633

■ 25.4530, 0.3030,
0.1931

■ 91.7172, 0.3149,
0.3719

■ 21.6770, 0.3001,
0.1734

■ 92.1462, 0.3166,
0.3717

■ 18.8836, 0.2970,
0.1575

■ 92.5821, 0.3183,
0.3715

■ 16.9704, 0.2937,
0.1460

■ 93.0250, 0.3200,
0.3713

■ 15.8123, 0.2905,
0.1389

■ 93.4748, 0.3218,
0.3710

■ 15.4034, 0.2888,
0.1365

■ 93.9316, 0.3235,
0.3708

Harmonies

Analogous

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



52.0126, 0.2856, 0.2846



52.0126, 0.3111, 0.2919



52.0126, 0.3381, 0.3081

Triad

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



52.0126, 0.3111, 0.2919



52.0126, 0.3588, 0.3695



52.0126, 0.2687, 0.3257

Complementary

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



52.0126, 0.3111, 0.2919



61.9239, 0.3138, 0.3683

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.



52.0126, 0.2869, 0.3511



52.0126, 0.3111, 0.2919



52.0126, 0.3389, 0.3769

Square

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



52.0126, 0.3111, 0.2919



52.0126, 0.3663, 0.3519



52.0126, 0.3125, 0.3704



52.0126, 0.2619, 0.3027

Rectangle

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



52.0126, 0.3111, 0.2919



52.0126, 0.3529, 0.3221



52.0126, 0.3125, 0.3704



52.0126, 0.2736, 0.3343

Sweetspot

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



52.0148, 0.3111, 0.2919



93.4194, 0.3123, 0.3192



50.0420, 0.2889, 0.2947



19.7389, 0.3123, 0.3174



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.



52.0148, 0.3111, 0.2919



73.0427, 0.3107, 0.2836



52.0397, 0.3237, 0.3054



12.5491, 0.3118, 0.3059



9.3414, 0.2893, 0.1367



0.5863, 0.2951, 0.1399

Inverse Universe

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



51.3107, 0.3371, 0.3243



71.8122, 0.3435, 0.3232



61.9283, 0.3031, 0.3538



12.4462, 0.3271, 0.3261



8.6977, 0.6230, 0.3206



0.5332, 0.5848, 0.2995

Previews

White Background



This preview shows how the Yxy color 52.0126, 0.3111, 0.2919 looks on a white background.

Color Contrast Check

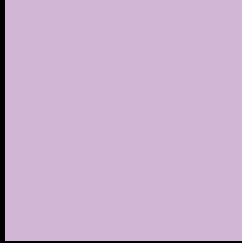
Large Text (above 18pt) WCAG AA × Fail

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 52.0126, 0.3111, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

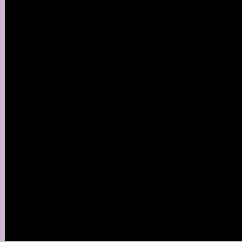
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0126, 0.3111, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 52.0126, 0.3111, 0.2919.



This preview shows how white text looks on a background with the Yxy color 52.0126, 0.3111, 0.2919.

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

52.0126, 0.3111, 0.2919

Protanopia

52.3805, 0.2886, 0.2939

Deuteranopia

52.0640, 0.3029, 0.2969



Tritanopia

52.2313, 0.3210, 0.3124

Trichromacy



Original Color

52.0126, 0.3111, 0.2919

Protanomaly

52.1525, 0.2968, 0.2932

Deuteranomaly

52.1985, 0.3061, 0.2960

Tritanomaly

52.1959, 0.3180, 0.3055

Monochromacy



Original Color

52.0126, 0.3111, 0.2919

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3233, 0.3125, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0126, 0.3111, 0.2919 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, 182, 214)` looks like.

```
.text, #text, p{  
    color:rgb(210, 182, 214)  
}
```

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, 182, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 182, 214) }
```

Border

The CSS property to change the border of an element to Yxy 52.0126, 0.3111, 0.2919 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, 182, 214) }
```

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

```
.border{ border-color:rgb(210, 182, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 182, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 182, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 182, 214);  
box-shadow:4px 4px 4px 4px rgb(210, 182,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0126, 0.3111, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 182, 214) }
```

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

```
.background{ background-color: rgb(210,  
182, 214) }
```

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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