

Converting Colors

$Y_{xy}(52.0226, 0.2938, 0.2529)$

Have a look what the booklet for
Yxy(52.0226, 0.2938, 0.2529)
contains.

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Color

Yxy(52.0042, 0.2938, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	D9AFF5
RGB	217, 175, 245
RGB Percent	85%, 69%, 96%
CMY	0.1492, 0.3136, 0.0393
CMYK	0.11, 0.29, 0.00, 0.04
HSL	276°, 78%, 82%
HSV	276°, 29%, 96%
XYZ	60.4145, 52.0042, 93.2127
YIQ	195.5380, 2.5620, 30.6740

Conversions

Conversions Part 2

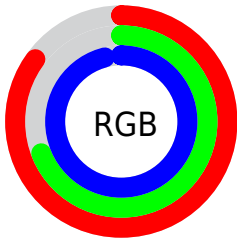
Format	Color
R _Y B	217, 175, 245
Decimal	14266357
CIE Lab	77.28, 27.82, -29.07
CIE LCh	77, 40.238, 313.740
Yxy	52.0042, 0.2938, 0.2529
Android (android.graphics.Color)	4292456437 (0xFFD9AFF5)
YUV	195.5380, 24.3848, 18.8222
Hunter-Lab	72.1139, 23.3416, -26.1571

Details

The Yxy color **52.0042, 0.2938, 0.2529** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **81.0811, 0.3269, 0.4077**, and the grayscale version is **54.7609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.1703, 0.2872, 0.2344** is the 20% darker color. If you saturate the color by 10%, you get **41.8602, 0.2851, 0.2242**, and if you desaturate by 10%, it is **63.9715, 0.3014, 0.2810**.

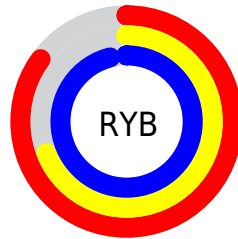
Distribution



Red (85%)

Green (69%)

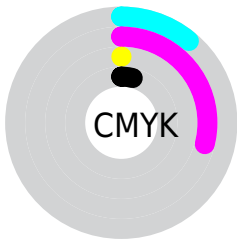
Blue (96%)



Red (85%)

Yellow (69%)

Blue (96%)

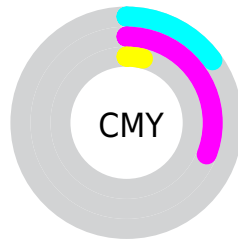


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (15%)


Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0042, 0.2938, 0.2529 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 52.0042, 0.2938, 0.2529 by changing the saturation by 10% instead.


 52.0042, 0.2938,
0.2529

 52.0042, 0.2938,
0.2529


394.4528, 0.3037,
0.2880

 37.0084, 0.2913,
0.2450

 93.1374, 0.2974,
0.2650

 25.2140, 0.2880,
0.2352


120.0437, 0.2988,
0.2697

 16.2366, 0.2837,
0.2230


151.6889, 0.2999,
0.2738

 9.6917, 0.2777,
0.2073

188.4574, 0.3009,
0.2774

 5.1950, 0.2689,
0.1864

230.7337, 0.3017,
0.2805

 2.3621, 0.2551,
0.1577

278.9021, 0.3025,

 0.8063, 0.2314,

0.2833

0.1165

333.3470, 0.3031,
0.2858

0.0000, 0.1707,
0.0000

0.0000, 0.0000,
0.0000

52.0042, 0.2938,
0.2529

52.0042, 0.2938,
0.2529

41.8602, 0.2851,
0.2242

63.9715, 0.3014,
0.2810

33.4380, 0.2755,
0.1957

77.8436, 0.3079,
0.3076

26.6356, 0.2650,
0.1689

93.7050, 0.3135,
0.3325

21.3375, 0.2542,
0.1449

99.3706, 0.3185,
0.3386

■ 17.4123, 0.2432,
0.1251

■ 14.7048, 0.2327,
0.1103

■ 12.9930, 0.2229,
0.1006

■ 12.7840, 0.2215,
0.0994

Harmonies

Analogous

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



52.0042, 0.2481, 0.2432



52.0042, 0.2938, 0.2529



52.0042, 0.3491, 0.2789

Triad

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



52.0042, 0.2938, 0.2529



52.0042, 0.4114, 0.3984



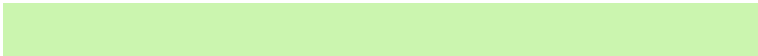
52.0042, 0.2336, 0.3340

Complementary

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



52.0042, 0.2938, 0.2529



81.0811, 0.3269, 0.4077

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.



52.0042, 0.2723, 0.3879



52.0042, 0.2938, 0.2529



52.0042, 0.3752, 0.4243

Square

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



52.0042, 0.2938, 0.2529



52.0042, 0.4204, 0.3587



52.0042, 0.3241, 0.4228



52.0042, 0.2158, 0.2844

Rectangle

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



52.0042, 0.2938, 0.2529



52.0042, 0.3831, 0.3029



52.0042, 0.3241, 0.4228



52.0042, 0.2444, 0.3526

Sweetspot

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



52.0064, 0.2938, 0.2529



84.5202, 0.3077, 0.3064



58.9725, 0.2662, 0.2814



17.5911, 0.3068, 0.3026



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.



52.0064, 0.2938, 0.2529



50.5971, 0.2891, 0.2371



56.3161, 0.3206, 0.2633



16.4181, 0.3074, 0.3052



6.9718, 0.2231, 0.1002



0.6724, 0.2350, 0.1068

Inverse Universe

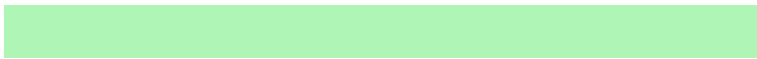
The Inverse Universe completely reimagines the original color for something new.



54.3889, 0.3507, 0.2992



53.6884, 0.3608, 0.2931



77.7319, 0.3056, 0.4050



16.5924, 0.3231, 0.3196



10.9594, 0.5378, 0.2736



0.9830, 0.5047, 0.2554

Previews

White Background



This preview shows how the Yxy color 52.0042, 0.2938, 0.2529 looks on a white background.

Color Contrast Check

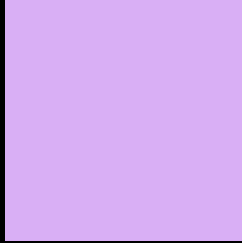
Large Text (above 18pt) WCAG AA × Fail

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 52.0042, 0.2938, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

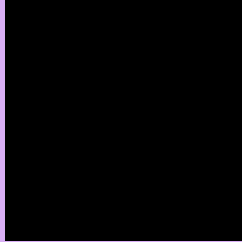
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0042, 0.2938, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 52.0042, 0.2938, 0.2529.

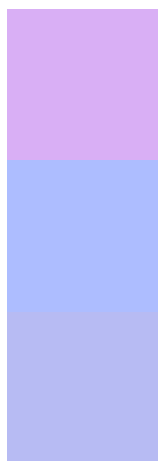


This preview shows how white text looks on a background with the Yxy color 52.0042, 0.2938, 0.2529.

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

52.0042, 0.2938, 0.2529

Protanopia

52.4994, 0.2572, 0.2525

Deuteranopia

52.0790, 0.2707, 0.2636



Tritanopia

52.0598, 0.3236, 0.3125

Trichromacy



Original Color

52.0042, 0.2938, 0.2529

Protanomaly

52.0648, 0.2696, 0.2528

Deuteranomaly

52.0007, 0.2782, 0.2594

Tritanomaly

52.1002, 0.3129, 0.2899

Monochromacy



Original Color

52.0042, 0.2938, 0.2529

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.6588, 0.3061, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0042, 0.2938, 0.2529 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(217, 175, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 175, 245)  
}
```

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(217, 175, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 175, 245) }
```

Border

The CSS property to change the border of an element to Yxy 52.0042, 0.2938, 0.2529 is called "border". The border property can be set on classes, ids or directly on the HTML element.

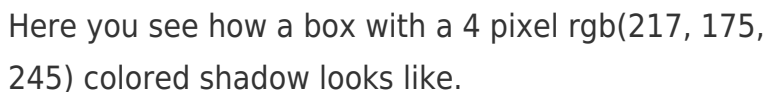
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 175, 245) }
```

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

```
.border{ border-color:rgb(217, 175, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 175, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 175, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 175, 245); box-shadow:4px 4px 4px 4px rgb(217, 175, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0042, 0.2938, 0.2529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 175, 245) }
```

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

```
.background{ background-color: rgb(217,  
175, 245) }
```

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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