

Converting Colors

$Y_{xy}(41.4322, 0.2906, 0.2460)$

Have a look what the booklet for
Yxy(41.4322, 0.2906, 0.2460)
contains.

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Color

Yxy(41.5303, 0.2903, 0.2463)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C59DE3 |
| RGB | 197, 157, 227 |
| RGB Percent | 77%, 62%, 89% |
| CMY | 0.2275, 0.3843, 0.1097 |
| CMYK | 0.13, 0.31, 0.00, 0.11 |
| HSL | 274°, 56%, 75% |
| HSV | 274°, 31%, 89% |
| XYZ | 48.9494, 41.5303, 78.1370 |
| YIQ | 176.9400, 1.3700, 30.2500 |

Conversions

Conversions Part 2

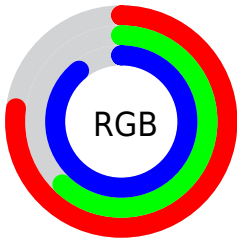
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 197, 157, 227 |
| Decimal | 12951011 |
| CIE _{Lab} | 70.55, 27.74, -29.84 |
| CIE _{LCh} | 71, 40.742, 312.907 |
| Yxy | 41.5303, 0.2903, 0.2463 |
| Android (android.graphics.Color) | 4291141091 (0xFFC59DE3) |
| YUV | 176.9400, 24.6796, 17.5926 |
| Hunter-Lab | 64.4440, 22.8054, -26.7771 |

Details

The Yxy color **41.5303, 0.2903, 0.2463** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **67.9659, 0.3293, 0.4139**, and the grayscale version is **43.8017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3778, 0.3140, 0.2870**, and **18.7942, 0.2829, 0.2257** is the 20% darker color. If you saturate the color by 10%, you get **33.2772, 0.2808, 0.2173**, and if you desaturate by 10%, it is **51.2993, 0.2987, 0.2747**.

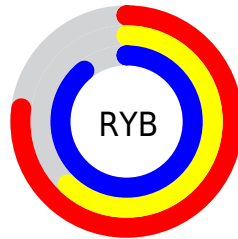
Distribution



Red (77%)

Green (62%)

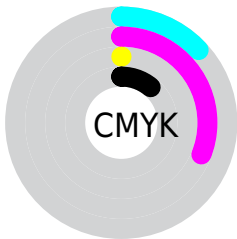
Blue (89%)



Red (77%)

Yellow (62%)

Blue (89%)

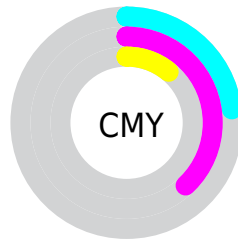


Cyan (13%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (23%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5303, 0.2903, 0.2463 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 41.5303, 0.2903, 0.2463 by changing the saturation by 10% instead.


 41.5303, 0.2903,
0.2463


 41.5303, 0.2903,
0.2463


352.5321, 0.3024,
0.2857

 28.7337, 0.2871,
0.2371


 77.4883, 0.2949,
0.2602

 18.8795, 0.2829,
0.2256


 101.4184, 0.2965,
0.2655

 11.5832, 0.2771,
0.2110


129.8285, 0.2979,
0.2701

 6.4605, 0.2689,
0.1918

163.1029, 0.2991,
0.2741

 3.1271, 0.2564,
0.1658

201.6261, 0.3001,
0.2775

 1.1984, 0.2358,
0.1293

245.7825, 0.3009,


 0.0604, 0.2098,


0.2806

0.0173

295.9563, 0.3017,
0.2833


 0.0000, 0.0000,
0.0000


 41.5303, 0.2903,
0.2463


 41.5303, 0.2903,
0.2463

 33.2772, 0.2808,
0.2173

 51.2993, 0.2987,
0.2747


 26.4539, 0.2702,
0.1888


 62.6535, 0.3060,
0.3017


 20.9736, 0.2590,
0.1620

 75.6644, 0.3122,
0.3270

 16.7377, 0.2473,
0.1383

 90.3973, 0.3174,
0.3501

 13.6331, 0.2358,
0.1190

 96.6065, 0.3231,
0.3566

■ 11.5255, 0.2249,
0.1049

■ 98.3282, 0.3291,
0.3561

■ 10.2639, 0.2156,
0.0961

Harmonies

Analogous

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



41.5303, 0.2414, 0.2363



41.5303, 0.2903, 0.2463



41.5303, 0.3505, 0.2738

Triad

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



41.5303, 0.2903, 0.2463



41.5303, 0.4206, 0.4025



41.5303, 0.2277, 0.3357

Complementary

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



41.5303, 0.2903, 0.2463



67.9659, 0.3293, 0.4139

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.



41.5303, 0.2699, 0.3953



41.5303, 0.2903, 0.2463



41.5303, 0.3816, 0.4324

Square

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



41.5303, 0.2903, 0.2463



41.5303, 0.4299, 0.3591



41.5303, 0.3261, 0.4327



41.5303, 0.2081, 0.2812

Rectangle

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



41.5303, 0.2903, 0.2463



41.5303, 0.3881, 0.2993



41.5303, 0.3261, 0.4327



41.5303, 0.2395, 0.3563

Sweetspot

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



41.5320, 0.2903, 0.2463



84.4013, 0.3072, 0.3064



48.4071, 0.2627, 0.2787



17.5618, 0.3063, 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.



41.5320, 0.2903, 0.2463



46.9613, 0.2843, 0.2278



45.7463, 0.3203, 0.2571



14.2912, 0.3070, 0.3053



6.0538, 0.2171, 0.0969



0.5019, 0.2317, 0.1050

Inverse Universe

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



44.0427, 0.3526, 0.2945



50.8510, 0.3641, 0.2871



64.7251, 0.3057, 0.4133



14.4702, 0.3225, 0.3190



10.0543, 0.5252, 0.2667



0.7613, 0.4882, 0.2463

Previews

White Background



This preview shows how the Yxy color 41.5303, 0.2903, 0.2463 looks on a white background.

Color Contrast Check

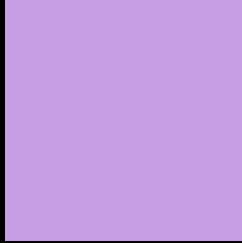
Large Text (above 18pt) WCAG AA × Fail

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 41.5303, 0.2903, 0.2463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

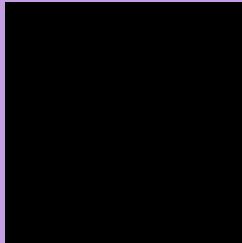
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5303, 0.2903, 0.2463

Background



This preview shows how black text looks on a background with the Yxy color 41.5303, 0.2903, 0.2463.



This preview shows how white text looks on a background with the Yxy color 41.5303, 0.2903, 0.2463.

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

41.5303, 0.2903, 0.2463

Protanopia

41.6362, 0.2513, 0.2444

Deuteranopia

41.8671, 0.2649, 0.2588



Tritanopia

41.3459, 0.3228, 0.3121

Trichromacy



Original Color

41.5303, 0.2903, 0.2463

Protanomaly

41.2285, 0.2643, 0.2447

Deuteranomaly

41.5152, 0.2736, 0.2532

Tritanomaly

41.3864, 0.3110, 0.2873

Monochromacy



Original Color

41.5303, 0.2903, 0.2463

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.8799, 0.3045, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5303, 0.2903, 0.2463 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(197, 157, 227)` looks like.

```
.text, #text, p{  
    color:rgb(197, 157, 227)  
}
```

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(197, 157, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 157, 227) }
```

Border

The CSS property to change the border of an element to Yxy 41.5303, 0.2903, 0.2463 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(197, 157, 227) }
```

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

```
.border{ border-color:rgb(197, 157, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 157, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 157, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 157, 227);  
box-shadow:4px 4px 4px 4px rgb(197, 157,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5303, 0.2903, 0.2463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 157, 227) }
```

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

```
.background{ background-color: rgb(197,  
157, 227) }
```

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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