

Converting Colors

$Y_{xy}(41.5951, 0.2954, 0.2525)$

Have a look what the booklet for
Yxy(41.5951, 0.2954, 0.2525)
contains.

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Color

Yxy(41.7334, 0.2951, 0.2529)

Conversions

Conversions Part 1

Format	Color
Hex	C69EDE
RGB	198, 158, 222
RGB Percent	78%, 62%, 87%
CMY	0.2236, 0.3804, 0.1294
CMYK	0.11, 0.29, 0.00, 0.13
HSL	277°, 49%, 75%
HSV	277°, 29%, 87%
XYZ	48.6972, 41.7334, 74.5888
YIQ	177.2560, 3.2960, 28.3840

Conversions

Conversions Part 2

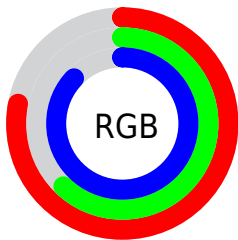
Format	Color
RYB	198, 158, 222
Decimal	13016798
CIELab	70.69, 26.44, -26.85
CIELCh	71, 37.681, 314.564
Yxy	41.7334, 0.2951, 0.2529
Android (android.graphics.Color)	4291206878 (0xFFC69EDE)
YUV	177.2560, 22.0588, 18.1925
Hunter-Lab	64.6014, 21.5028, -23.2352

Details

The Yxy color $41.7334, 0.2951, 0.2529$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $64.6528, 0.3258, 0.4083$, and the grayscale version is $43.9891, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0685, 0.3146, 0.2881$, and $18.9377, 0.2883, 0.2327$ is the 20% darker color. If you saturate the color by 10%, you get $33.7325, 0.2871, 0.2246$, and if you desaturate by 10%, it is $51.1678, 0.3021, 0.2806$.

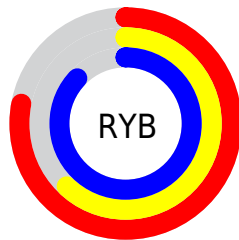
Distribution



Red (78%)

Green (62%)

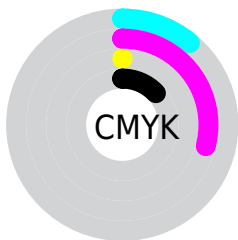
Blue (87%)



Red (78%)

Yellow (62%)

Blue (87%)

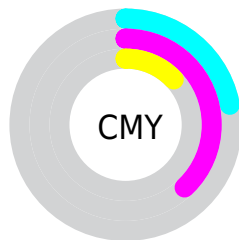


Cyan (11%)

Magenta (29%)

Yellow (0%)

Black (13%)



Cyan (22%)


Magenta (38%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7334, 0.2951, 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 41.7334, 0.2951, 0.2529 by changing the saturation by 10% instead.


 41.7334, 0.2951,
0.2529


 41.7334, 0.2951,
0.2529

353.3766, 0.3047,
0.2894

 28.8926, 0.2925,
0.2443


 77.7960, 0.2987,
0.2658

 18.9996, 0.2891,
0.2336


 101.7865, 0.3001,
0.2707

 11.6700, 0.2844,
0.2198


130.2625, 0.3012,
0.2750

 6.5194, 0.2776,
0.2017

163.6082, 0.3021,
0.2786

 3.1634, 0.2671,
0.1767

202.2080, 0.3029,
0.2818

 1.2176, 0.2493,
0.1410

246.4465, 0.3036,

 0.0760, 0.2289,

0.2846

0.0242

296.7079, 0.3042,
0.2871

0.0000, 0.0000,
0.0000

41.7334, 0.2951,
0.2529

41.7334, 0.2951,
0.2529

33.7325, 0.2871,
0.2246

51.1678, 0.3021,
0.2806

27.0853, 0.2781,
0.1967

62.0997, 0.3082,
0.3071

21.7118, 0.2684,
0.1704

74.5953, 0.3133,
0.3318

17.5215, 0.2583,
0.1470

88.7152, 0.3175,
0.3546

14.4112, 0.2481,
0.1278

95.2533, 0.3222,
0.3621

■ 12.2595, 0.2381,
0.1134

■ 96.7413, 0.3276,
0.3616

■ 10.8799, 0.2288,
0.1038

■ 98.0534, 0.3322,
0.3611

■ 10.7385, 0.2277,
0.1028

Harmonies

Analogous

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



41.7334, 0.2486, 0.2427



41.7334, 0.2951, 0.2529



41.7334, 0.3508, 0.2794

Triad

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



41.7334, 0.2951, 0.2529



41.7334, 0.4114, 0.3998



41.7334, 0.2322, 0.3325

Complementary

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



41.7334, 0.2951, 0.2529



64.6528, 0.3258, 0.4083

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.



41.7334, 0.2707, 0.3871



41.7334, 0.2951, 0.2529



41.7334, 0.3744, 0.4255

Square

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



41.7334, 0.2951, 0.2529



41.7334, 0.4214, 0.3600



41.7334, 0.3226, 0.4230



41.7334, 0.2150, 0.2829

Rectangle

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



41.7334, 0.2951, 0.2529



41.7334, 0.3849, 0.3038



41.7334, 0.3226, 0.4230



41.7334, 0.2429, 0.3512

Sweetspot

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



41.7352, 0.2951, 0.2529



84.6251, 0.3080, 0.3064



46.2194, 0.2657, 0.2784



17.6170, 0.3072, 0.3027



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.



41.7352, 0.2951, 0.2529



49.8559, 0.2900, 0.2347



44.8672, 0.3225, 0.2652



13.6654, 0.3078, 0.3055



6.4445, 0.2290, 0.1035



0.4973, 0.2432, 0.1113

Inverse Universe

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



43.3630, 0.3525, 0.3009



52.5757, 0.3648, 0.2943



62.2416, 0.3043, 0.4025



13.7852, 0.3233, 0.3202



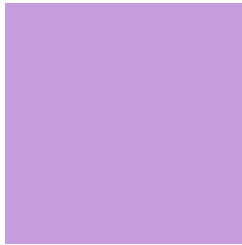
9.6176, 0.5470, 0.2787



0.6836, 0.5050, 0.2556

Previews

White Background



This preview shows how the Yxy color 41.7334, 0.2951, 0.2529 looks on a white background.

Color Contrast Check

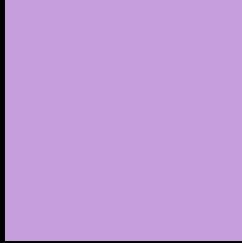
Large Text (above 18pt) WCAG AA × Fail

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 41.7334, 0.2951, 0.2529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

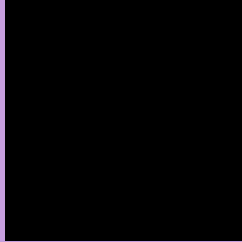
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7334, 0.2951, 0.2529

Background



This preview shows how black text looks on a background with the Yxy color 41.7334, 0.2951, 0.2529.



This preview shows how white text looks on a background with the Yxy color 41.7334, 0.2951, 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

41.7334, 0.2951, 0.2529

Protanopia

42.0199, 0.2564, 0.2515

Deuteranopia

42.0237, 0.2712, 0.2650



Tritanopia

41.6035, 0.3246, 0.3122

Trichromacy



Original Color

41.7334, 0.2951, 0.2529

Protanomaly

41.5318, 0.2692, 0.2516

Deuteranomaly

41.9579, 0.2796, 0.2604

Tritanomaly

41.6039, 0.3137, 0.2888

Monochromacy



Original Color

41.7334, 0.2951, 0.2529

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.9140, 0.3070, 0.2994

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7334, 0.2951, 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(198, 158, 222)` looks like.

```
.text, #text, p{  
    color:rgb(198, 158, 222)  
}
```

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(198, 158, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 158, 222) }
```

Border

The CSS property to change the border of an element to Yxy 41.7334, 0.2951, 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(198, 158, 222) }
```

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

```
.border{ border-color:rgb(198, 158, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 158, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 158, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 158, 222);  
box-shadow:4px 4px 4px 4px rgb(198, 158,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7334, 0.2951, 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(198, 158, 222) }
```

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

```
.background{ background-color: rgb(198,  
158, 222) }
```

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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