

Converting Colors

$Y_{xy}(42.1519, 0.3250, 0.2763)$

Have a look what the booklet for
Yxy(42.1519, 0.3250, 0.2763)
contains.

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Color

Yxy(42.3280, 0.3254, 0.2769)

Conversions

Conversions Part 1

Format	Color
Hex	D49DC9
RGB	212, 157, 201
RGB Percent	83%, 62%, 79%
CMY	0.1688, 0.3842, 0.2118
CMYK	0.00, 0.26, 0.05, 0.17
HSL	312°, 39%, 72%
HSV	312°, 26%, 83%
XYZ	49.7419, 42.3280, 60.7940
YIQ	178.4610, 18.6560, 25.3440

Conversions

Conversions Part 2

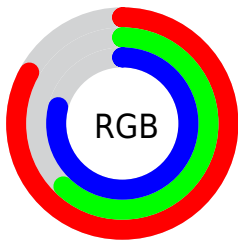
Format	Color
R_{YB}	212, 157, 201
Decimal	13934025
CIE Lab	71.10, 27.52, -14.52
CIE LCh	71, 31.113, 332.176
Yxy	42.3280, 0.3254, 0.2769
Android (android.graphics.Color)	4292124105 (0xFFD49DC9)
YUV	178.4610, 11.1117, 29.4137
Hunter-Lab	65.0600, 22.6180, -9.8603

Details

The Yxy color $42.3280, 0.3254, 0.2769$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.0688, 0.3022, 0.3874$, and the grayscale version is $44.7103, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $19.3778, 0.3288, 0.2630$ is the 20% darker color. If you saturate the color by 10%, you get $35.5709, 0.3316, 0.2565$, and if you desaturate by 10%, it is $50.3387, 0.3200, 0.2974$.

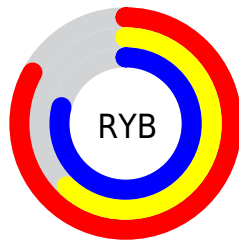
Distribution



Red (83%)

Green (62%)

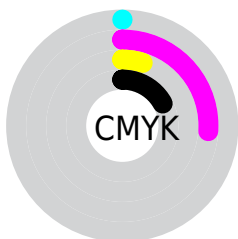
Blue (79%)



Red (83%)

Yellow (62%)

Blue (79%)

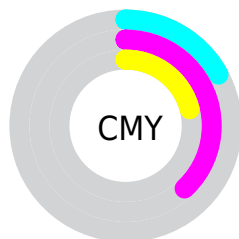


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (17%)



Cyan (17%)


Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.3280, 0.3254, 0.2769 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 42.3280, 0.3254, 0.2769 by changing the saturation by 10% instead.


 42.3280, 0.3254,
0.2769


 42.3280, 0.3254,
0.2769


355.8408, 0.3195,
0.3022

 29.3582, 0.3268,
0.2708


 78.6958, 0.3233,
0.2859

 19.3520, 0.3284,
0.2631


 102.8626, 0.3225,
0.2894

 11.9249, 0.3306,
0.2531


131.5305, 0.3218,
0.2923

 6.6925, 0.3333,
0.2395

165.0840, 0.3212,
0.2948

 3.2706, 0.3369,
0.2202

203.9073, 0.3207,
0.2970

 1.2746, 0.3418,
0.1906

248.3850, 0.3202,

 0.1214, 0.3806,

0.2990

0.0587

298.9014, 0.3198,
0.3007

0.0000, 0.0000,
0.0000

42.3280, 0.3254,
0.2769

42.3280, 0.3254,
0.2769

35.5709, 0.3316,
0.2565

50.3387, 0.3200,
0.2974

29.9973, 0.3384,
0.2371

59.6569, 0.3152,
0.3175

25.5392, 0.3457,
0.2196

70.3404, 0.3111,
0.3367

22.1192, 0.3535,
0.2051

82.4418, 0.3076,
0.3548

19.6499, 0.3614,
0.1943

90.7956, 0.3049,
0.3637

■ 18.0295, 0.3692,
0.1880

■ 91.0260, 0.3025,
0.3591

■ 17.1320, 0.3766,
0.1864

■ 91.2622, 0.3002,
0.3545

■ 16.8787, 0.3796,
0.1865

■ 91.5042, 0.2979,
0.3500

■ 91.7520, 0.2956,
0.3455

Harmonies

Analogous

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



42.3280, 0.2810, 0.2597



42.3280, 0.3254, 0.2769



42.3280, 0.3690, 0.3058

Triad

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



42.3280, 0.3254, 0.2769



42.3280, 0.3790, 0.4025



42.3280, 0.2348, 0.3073

Complementary

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



42.3280, 0.3254, 0.2769



57.0688, 0.3022, 0.3874

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.



42.3280, 0.2575, 0.3511



42.3280, 0.3254, 0.2769



42.3280, 0.3401, 0.4097

Square

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



42.3280, 0.3254, 0.2769



42.3280, 0.4007, 0.3762



42.3280, 0.2956, 0.3908



42.3280, 0.2315, 0.2741

Rectangle

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



42.3280, 0.3254, 0.2769



42.3280, 0.3904, 0.3290



42.3280, 0.2956, 0.3908



42.3280, 0.2403, 0.3213

Sweetspot

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



42.3299, 0.3254, 0.2769



87.4079, 0.3162, 0.3132



37.0992, 0.2764, 0.2571



18.2344, 0.3169, 0.3102



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.



42.3299, 0.3254, 0.2769



58.5344, 0.3286, 0.2658



41.1862, 0.3504, 0.3078



12.5882, 0.3168, 0.3105



10.4382, 0.3786, 0.1859



0.6407, 0.3668, 0.1794

Inverse Universe

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



42.3299, 0.3254, 0.2769



58.5344, 0.3286, 0.2658



58.1620, 0.2854, 0.3514



12.5882, 0.3168, 0.3105



10.4382, 0.3786, 0.1859



0.6407, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 42.3280, 0.3254, 0.2769 looks on a white background.

Color Contrast Check

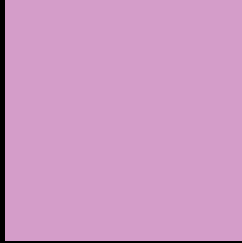
Large Text (above 18pt) WCAG AA × Fail

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 42.3280, 0.3254, 0.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

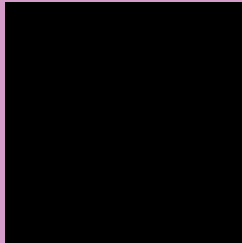
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.3280, 0.3254, 0.2769

Background



This preview shows how black text looks on a background with the Yxy color 42.3280, 0.3254, 0.2769.



This preview shows how white text looks on a background with the Yxy color 42.3280, 0.3254, 0.2769.

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

42.3280, 0.3254, 0.2769

Protanopia

42.6973, 0.2777, 0.2795

Deuteranopia

42.5763, 0.2979, 0.2915



Tritanopia

42.3066, 0.3459, 0.3142

Trichromacy



Original Color

42.3280, 0.3254, 0.2769

Protanomaly

42.2097, 0.2942, 0.2783

Deuteranomaly

42.2869, 0.3076, 0.2851

Tritanomaly

42.1576, 0.3378, 0.2997

Monochromacy



Original Color

42.3280, 0.3254, 0.2769

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2418, 0.3173, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3280, 0.3254, 0.2769 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(212, 157, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 157, 201)  
}
```

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(212, 157, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 157, 201) }
```

Border

The CSS property to change the border of an element to Yxy 42.3280, 0.3254, 0.2769 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(212, 157, 201) }
```

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

```
.border{ border-color:rgb(212, 157, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 157, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 157, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 157, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 157,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3280, 0.3254, 0.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 157, 201) }
```

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

```
.background{ background-color: rgb(212,  
157, 201) }
```

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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