

Converting Colors

$Y_{xy}(43.6590, 0.2801, 0.2186)$

Have a look what the booklet for
Yxy(43.6590, 0.2801, 0.2186)
contains.

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Color

Yxy(43.7041, 0.2804, 0.2187)

Conversions

Conversions Part 1

Format	Color
Hex	D299FF
RGB	210, 153, 255
RGB Percent	82%, 60%, 100%
CMY	0.1762, 0.4001, 0.0000
CMYK	0.18, 0.40, 0.00, 0.00
HSL	274°, 100%, 80%
HSV	274°, 40%, 100%
XYZ	56.0340, 43.7041, 100.0978
YIQ	181.6710, 1.2300, 43.8060

Conversions

Conversions Part 2

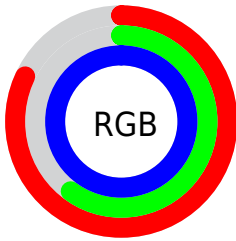
Format	Color
R _Y B	210, 153, 255
Decimal	13801983
CIE Lab	72.03, 39.81, -42.69
CIE LCh	72, 58.374, 312.999
Yxy	43.7041, 0.2804, 0.2187
Android (android.graphics.Color)	4291992063 (0xFFD299FF)
YUV	181.6710, 36.1512, 24.8445
Hunter-Lab	66.1091, 35.6055, -43.4965

Details

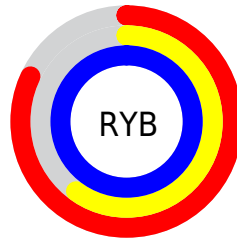
The Yxy color **43.7041, 0.2804, 0.2187** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **85.8125, 0.3341, 0.4427**, and the grayscale version is **46.3924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **20.2546, 0.2702, 0.1942** is the 20% darker color. If you saturate the color by 10%, you get **34.6410, 0.2696, 0.1898**, and if you desaturate by 10%, it is **54.6685, 0.2902, 0.2480**.

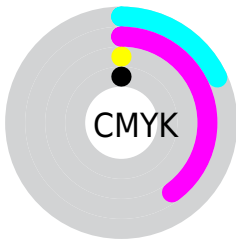
Distribution



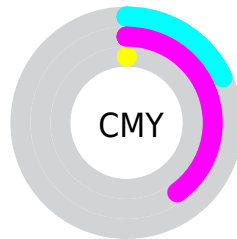
- Red (82%)
- Green (60%)
- Blue (100%)



- Red (82%)
- Yellow (60%)
- Blue (100%)



- Cyan (18%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7041, 0.2804, 0.2187 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 43.7041, 0.2804, 0.2187 by changing the saturation by 10% instead.


 43.7041, 0.2804,
0.2187

 43.7041, 0.2804,
0.2187


361.4994, 0.2977,
0.2691

 30.4380, 0.2759,
0.2075


 80.7723, 0.2869,
0.2360

 20.1712, 0.2701,
0.1940


 105.3431, 0.2892,
0.2428

 12.5196, 0.2624,
0.1772


134.4510, 0.2912,
0.2486

 7.0986, 0.2517,
0.1562

168.4803, 0.2929,
0.2538

 3.5238, 0.2362,
0.1294

207.8154, 0.2944,
0.2583

 1.4109, 0.2126,
0.0952

252.8407, 0.2957,

 0.2248, 0.1782,

0.2623

0.0325

303.9405, 0.2968,
0.2659

0.0000, 0.0514,
0.0000

0.0000, 0.0000,
0.0000

43.7041, 0.2804,
0.2187

43.7041, 0.2804,
0.2187

34.6410, 0.2696,
0.1898

54.6685, 0.2902,
0.2480

27.3588, 0.2580,
0.1625

67.6376, 0.2989,
0.2766

21.7281, 0.2460,
0.1383

82.7112, 0.3064,
0.3037

17.5999, 0.2341,
0.1185

99.9814, 0.3127,
0.3290

■ 14.7970, 0.2229,
0.1040

100.0000, 0.3127,
0.3290

■ 13.0321, 0.2126,
0.0945

Harmonies

Analogous

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



43.7041, 0.2156, 0.2049



43.7041, 0.2804, 0.2187



43.7041, 0.3647, 0.2542

Triad

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



43.7041, 0.2804, 0.2187



43.7041, 0.4596, 0.4238



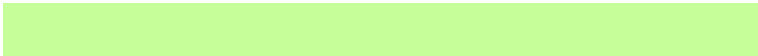
43.7041, 0.1959, 0.3355

Complementary

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



43.7041, 0.2804, 0.2187



85.8125, 0.3341, 0.4427

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.



43.7041, 0.2508, 0.4254



43.7041, 0.2804, 0.2187



43.7041, 0.4031, 0.4714

Square

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



43.7041, 0.2804, 0.2187



43.7041, 0.4766, 0.3642



43.7041, 0.3268, 0.4794



43.7041, 0.1724, 0.2594

Rectangle

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



43.7041, 0.2804, 0.2187



43.7041, 0.4189, 0.2871



43.7041, 0.3268, 0.4794



43.7041, 0.2109, 0.3660

Sweetspot

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



43.7052, 0.2804, 0.2187



79.5395, 0.3050, 0.2985



54.7841, 0.2470, 0.2623



16.5891, 0.3040, 0.2950



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.



43.7052, 0.2804, 0.2187



36.3160, 0.2718, 0.1955



50.9298, 0.3215, 0.2344



17.8791, 0.3067, 0.3051



6.8996, 0.2142, 0.0954



0.7365, 0.2257, 0.1017

Inverse Universe

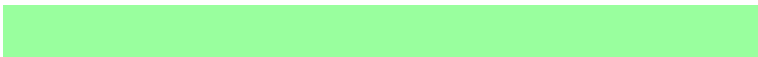
The Inverse Universe completely reimagines the original color for something new.



48.1071, 0.3689, 0.2825



41.4926, 0.3857, 0.2736



80.7610, 0.3044, 0.4464



18.1200, 0.3225, 0.3186



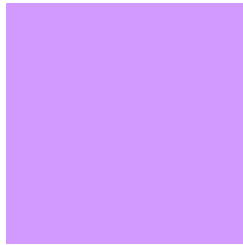
11.7525, 0.5217, 0.2647



1.1658, 0.4932, 0.2490

Previews

White Background



This preview shows how the Yxy color 43.7041, 0.2804, 0.2187 looks on a white background.

Color Contrast Check

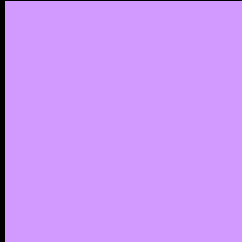
Large Text (above 18pt) WCAG AA × Fail

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 43.7041, 0.2804, 0.2187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

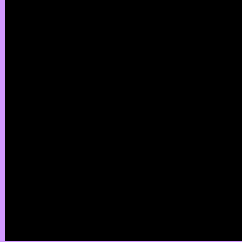
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7041, 0.2804, 0.2187

Background



This preview shows how black text looks on a background with the Yxy color 43.7041, 0.2804, 0.2187.



This preview shows how white text looks on a background with the Yxy color 43.7041, 0.2804, 0.2187.

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

43.7041, 0.2804, 0.2187

Protanopia

43.9761, 0.2403, 0.2309

Deuteranopia

44.1090, 0.2426, 0.2361



Tritanopia

43.7591, 0.3281, 0.3127

Trichromacy



Original Color

43.7041, 0.2804, 0.2187



Protanomaly

43.2631, 0.2532, 0.2249



Deuteranomaly

43.4364, 0.2551, 0.2289



Tritanomaly

43.3544, 0.3091, 0.2737

Monochromacy



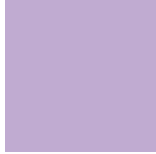
Original Color

43.7041, 0.2804, 0.2187



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

44.9357, 0.3003, 0.2822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7041, 0.2804, 0.2187 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, 153, 255)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 255)  
}
```

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, 153, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.7041, 0.2804, 0.2187 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, 153, 255) }
```

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

```
.border{ border-color:rgb(210, 153, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 255);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7041, 0.2804, 0.2187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 255) }
```

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

```
.background{ background-color: rgb(210,  
153, 255) }
```

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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