

Converting Colors

$Y_{xy}(43.1271, 0.2884, 0.2345)$

Have a look what the booklet for
Yxy(43.1271, 0.2884, 0.2345)
contains.

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Color

Yxy(43.1900, 0.2881, 0.2344)

Conversions

Conversions Part 1

Format	Color
Hex	CE9CF0
RGB	206, 156, 240
RGB Percent	81%, 61%, 94%
CMY	0.1919, 0.3883, 0.0588
CMYK	0.14, 0.35, 0.00, 0.06
HSL	276°, 74%, 78%
HSV	276°, 35%, 94%
XYZ	53.0846, 43.1900, 87.9830
YIQ	180.5260, 2.8360, 36.7240

Conversions

Conversions Part 2

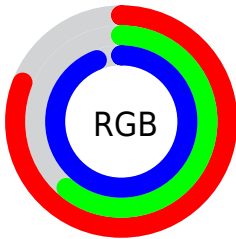
Format	Color
R _Y B	206, 156, 240
Decimal	13540592
CIE _{Lab}	71.68, 33.82, -35.11
CIE _{LCh}	72, 48.743, 313.928
Y _{xy}	43.1900, 0.2881, 0.2344
Android (android.graphics.Color)	4291730672 (0xFFCE9CF0)
Y _{UV}	180.5260, 29.3207, 22.3407
Hunter-Lab	65.7191, 29.1750, -33.3726

Details

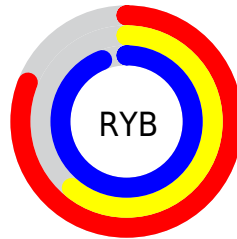
The Yxy color **43.1900, 0.2881, 0.2344** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.6613, 0.3298, 0.4275**, and the grayscale version is **45.7804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **19.8454, 0.2790, 0.2115** is the 20% darker color. If you saturate the color by 10%, you get **34.5732, 0.2787, 0.2057**, and if you desaturate by 10%, it is **53.4872, 0.2965, 0.2630**.

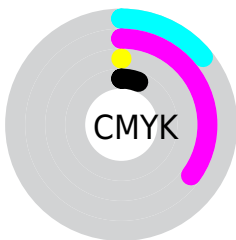
Distribution



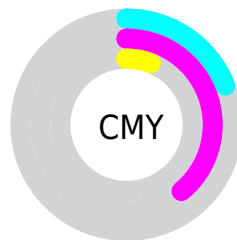
- Red (81%)
- Green (61%)
- Blue (94%)



- Red (81%)
- Yellow (61%)
- Blue (94%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (6%)





- Cyan (19%)
- Magenta (39%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1900, 0.2881, 0.2344 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 43.1900, 0.2881, 0.2344 by changing the saturation by 10% instead.


 43.1900, 0.2881,
0.2344


 43.1900, 0.2881,
0.2344


359.3926, 0.3014,
0.2786

 30.0342, 0.2846,
0.2243


 79.9975, 0.2931,
0.2497

 19.8646, 0.2800,
0.2120


 104.4180, 0.2949,
0.2557

 12.2966, 0.2737,
0.1965


133.3622, 0.2965,
0.2608

 6.9460, 0.2650,
0.1765

167.2145, 0.2978,
0.2653

 3.4284, 0.2519,
0.1503

206.3593, 0.2989,
0.2692

 1.3593, 0.2309,
0.1149

251.1810, 0.2998,

 0.1864, 0.2010,

0.2727

0.0370

302.0639, 0.3007,
0.2758

0.0000, 0.0000,
0.0000

43.1900, 0.2881,
0.2344

43.1900, 0.2881,
0.2344

34.5732, 0.2787,
0.2057

53.4872, 0.2965,
0.2630

27.5357, 0.2684,
0.1781

65.5473, 0.3038,
0.2906

21.9735, 0.2576,
0.1529

79.4539, 0.3100,
0.3167

17.7678, 0.2466,
0.1314

95.2835, 0.3152,
0.3408

14.7801, 0.2358,
0.1147

98.9842, 0.3211,
0.3434

■ 12.8409, 0.2256,
0.1033

■ 99.0718, 0.3214,
0.3434

■ 12.1376, 0.2208,
0.0990

Harmonies

Analogous

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



43.1900, 0.2312, 0.2219



43.1900, 0.2881, 0.2344



43.1900, 0.3592, 0.2662

Triad

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



43.1900, 0.2881, 0.2344



43.1900, 0.4374, 0.4143



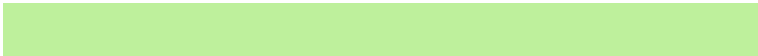
43.1900, 0.2122, 0.3335

Complementary

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



43.1900, 0.2881, 0.2344



75.6613, 0.3298, 0.4275

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.



43.1900, 0.2596, 0.4062



43.1900, 0.2881, 0.2344



43.1900, 0.3899, 0.4509

Square

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



43.1900, 0.2881, 0.2344



43.1900, 0.4511, 0.3636



43.1900, 0.3246, 0.4524



43.1900, 0.1915, 0.2699

Rectangle

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



43.1900, 0.2881, 0.2344



43.1900, 0.4037, 0.2954



43.1900, 0.3246, 0.4524



43.1900, 0.2253, 0.3582

Sweetspot

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



43.1918, 0.2881, 0.2344



81.3050, 0.3064, 0.3012



50.6141, 0.2552, 0.2687



16.9488, 0.3055, 0.2976



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.



43.1918, 0.2881, 0.2344



42.3272, 0.2815, 0.2139



48.1789, 0.3226, 0.2486



15.6946, 0.3073, 0.3053



6.7233, 0.2224, 0.0999



0.6172, 0.2350, 0.1068

Inverse Universe

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



46.0094, 0.3622, 0.2918



46.1770, 0.3769, 0.2842



72.0344, 0.3040, 0.4254



15.8647, 0.3230, 0.3195



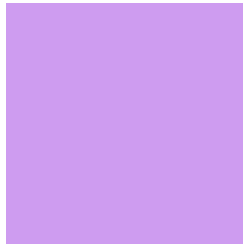
10.6375, 0.5361, 0.2727



0.9041, 0.5015, 0.2536

Previews

White Background



This preview shows how the Yxy color 43.1900, 0.2881, 0.2344 looks on a white background.

Color Contrast Check

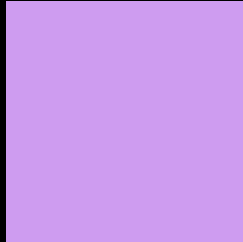
Large Text (above 18pt) WCAG AA × Fail

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 43.1900, 0.2881, 0.2344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

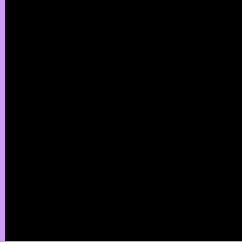
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1900, 0.2881, 0.2344

Background



This preview shows how black text looks on a background with the Yxy color 43.1900, 0.2881, 0.2344.



This preview shows how white text looks on a background with the Yxy color 43.1900, 0.2881, 0.2344.

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

43.1900, 0.2881, 0.2344

Protanopia

43.5269, 0.2406, 0.2307

Deuteranopia

43.3725, 0.2558, 0.2492



Tritanopia

43.2118, 0.3282, 0.3126

Trichromacy



Original Color

43.1900, 0.2881, 0.2344



Protanomaly

43.0230, 0.2554, 0.2314



Deuteranomaly

43.0406, 0.2666, 0.2433



Tritanomaly

43.0945, 0.3131, 0.2825

Monochromacy



Original Color

43.1900, 0.2881, 0.2344



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7165, 0.3041, 0.2915

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1900, 0.2881, 0.2344 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(206, 156, 240)` looks like.

```
.text, #text, p{  
    color:rgb(206, 156, 240)  
}
```

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(206, 156, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 156, 240) }
```

Border

The CSS property to change the border of an element to Yxy 43.1900, 0.2881, 0.2344 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(206, 156, 240) }
```

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

```
.border{ border-color:rgb(206, 156, 240) }
```

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

Here you see how a box with a 4 pixel rgb(206, 156, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 156, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 156, 240);  
box-shadow:4px 4px 4px 4px rgb(206, 156,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1900, 0.2881, 0.2344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 156, 240) }
```

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

```
.background{ background-color: rgb(206,  
156, 240) }
```

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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