

Converting Colors

$Y_{xy}(41.3099, 0.2828, 0.2111)$

Have a look what the booklet for
Yxy(41.3099, 0.2828, 0.2111)
contains.

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Color

Yxy(41.2484, 0.2831, 0.2111)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D590FE |
| RGB | 213, 144, 254 |
| RGB Percent | 84%, 56%, 100% |
| CMY | 0.1645, 0.4354, 0.0038 |
| CMYK | 0.16, 0.43, 0.00, 0.00 |
| HSL | 278°, 98%, 78% |
| HSV | 278°, 43%, 100% |
| XYZ | 55.3170, 41.2484, 98.8320 |
| YIQ | 177.1710, 5.8140, 48.8380 |

Conversions

Conversions Part 2

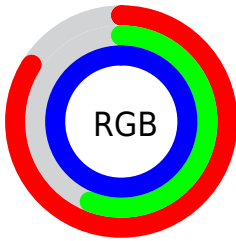
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 213, 144, 254 |
| Decimal | 13996286 |
| CIE Lab | 70.35, 45.26, -44.77 |
| CIE LCh | 70, 63.659, 315.313 |
| Yxy | 41.2484, 0.2831, 0.2111 |
| Android (android.graphics.Color) | 4292186366 (0xFFD590FE) |
| YUV | 177.1710, 37.8767, 31.4220 |
| Hunter-Lab | 64.2249, 41.3487, -46.2805 |

Details

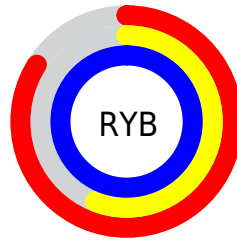
The Yxy color **41.2484, 0.2831, 0.2111** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **83.2196, 0.3306, 0.4549**, and the grayscale version is **43.8572, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3268, 0.3153, 0.2742**, and **18.7534, 0.2725, 0.1850** is the 20% darker color. If you saturate the color by 10%, you get **33.0296, 0.2738, 0.1837**, and if you desaturate by 10%, it is **51.2840, 0.2916, 0.2395**.

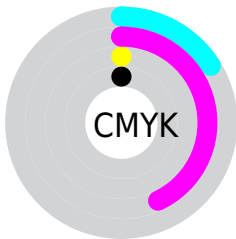
Distribution



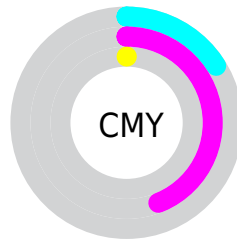
- Red (84%)
- Green (56%)
- Blue (100%)



- Red (84%)
- Yellow (56%)
- Blue (100%)



- Cyan (16%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2484, 0.2831, 0.2111 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 41.2484, 0.2831, 0.2111 by changing the saturation by 10% instead.


 41.2484, 0.2831,
0.2111


 41.2484, 0.2831,
0.2111


351.3577, 0.2995,
0.2649

 28.5132, 0.2787,
0.1992


 77.0608, 0.2893,
0.2295

 18.7129, 0.2730,
0.1849


 100.9069, 0.2916,
0.2367

 11.4630, 0.2653,
0.1672


129.2253, 0.2935,
0.2430

 6.3792, 0.2546,
0.1452

162.4006, 0.2951,
0.2485

 3.0770, 0.2388,
0.1174

200.8171, 0.2964,
0.2533

 1.1721, 0.2145,
0.0825

244.8592, 0.2976,

 0.0387, 0.1813,

0.2576

0.0060

294.9113, 0.2986,
0.2615

0.0000, 0.0366,
0.0000

0.0000, 0.0000,
0.0000

41.2484, 0.2831,
0.2111

41.2484, 0.2831,
0.2111

33.0296, 0.2738,
0.1837

51.2840, 0.2916,
0.2395

26.5034, 0.2638,
0.1585

63.2391, 0.2991,
0.2678

21.5380, 0.2536,
0.1370

77.2148, 0.3056,
0.2951

17.9790, 0.2435,
0.1200

93.3036, 0.3111,
0.3209

■ 15.6387, 0.2338,
0.1083

99.9373, 0.3133,
0.3299

■ 14.5744, 0.2277,
0.1028

Harmonies

Analogous

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



41.2484, 0.2106, 0.1941



41.2484, 0.2831, 0.2111



41.2484, 0.3773, 0.2508

Triad

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



41.2484, 0.2831, 0.2111



41.2484, 0.4696, 0.4350



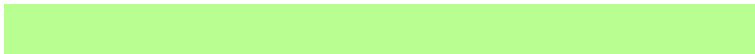
41.2484, 0.1812, 0.3274

Complementary

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



41.2484, 0.2831, 0.2111



83.2196, 0.3306, 0.4549

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.



41.2484, 0.2377, 0.4303



41.2484, 0.2831, 0.2111



41.2484, 0.4039, 0.4882

Square

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



41.2484, 0.2831, 0.2111



41.2484, 0.4943, 0.3699



41.2484, 0.3195, 0.4959



41.2484, 0.1593, 0.2462

Rectangle

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



41.2484, 0.2831, 0.2111



41.2484, 0.4368, 0.2867



41.2484, 0.3195, 0.4959



41.2484, 0.1963, 0.3615

Sweetspot

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



41.2501, 0.2831, 0.2111



78.3768, 0.3058, 0.2960



48.2697, 0.2399, 0.2464



16.0679, 0.3044, 0.2901



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.



41.2501, 0.2831, 0.2111



34.3068, 0.2750, 0.1872



47.3762, 0.3286, 0.2332



17.9427, 0.3078, 0.3051



7.7690, 0.2292, 0.1036



0.8188, 0.2395, 0.1093

Inverse Universe

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



44.5148, 0.3835, 0.2864



38.2471, 0.4055, 0.2786



79.2541, 0.3002, 0.4488



18.0989, 0.3235, 0.3202



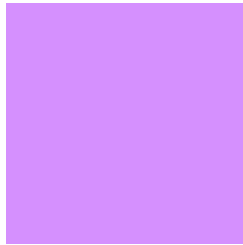
11.5664, 0.5496, 0.2801



1.1465, 0.5186, 0.2630

Previews

White Background



This preview shows how the Yxy color 41.2484, 0.2831, 0.2111 looks on a white background.

Color Contrast Check

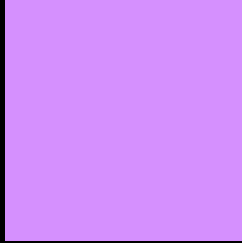
Large Text (above 18pt) WCAG AA × Fail

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 41.2484, 0.2831, 0.2111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

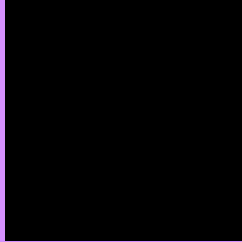
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2484, 0.2831, 0.2111

Background



This preview shows how black text looks on a background with the Yxy color 41.2484, 0.2831, 0.2111.



This preview shows how white text looks on a background with the Yxy color 41.2484, 0.2831, 0.2111.

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

41.2484, 0.2831, 0.2111

Protanopia

41.8091, 0.2353, 0.2249

Deuteranopia

41.7162, 0.2379, 0.2318



Tritanopia

41.3142, 0.3392, 0.3139

Trichromacy



Original Color

41.2484, 0.2831, 0.2111



Protanomaly

41.0346, 0.2497, 0.2182



Deuteranomaly

40.7796, 0.2520, 0.2219



Tritanomaly

40.7336, 0.3173, 0.2711

Monochromacy



Original Color

41.2484, 0.2831, 0.2111



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.2652, 0.3018, 0.2790

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2484, 0.2831, 0.2111 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(213, 144, 254)` looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 254)  
}
```

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(213, 144, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 254) }
```

Border

The CSS property to change the border of an element to Yxy 41.2484, 0.2831, 0.2111 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(213, 144, 254) }
```

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

```
.border{ border-color:rgb(213, 144, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 144, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 254);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2484, 0.2831, 0.2111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 144, 254) }
```

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

```
.background{ background-color: rgb(213,  
144, 254) }
```

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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