

Converting Colors

$Yxy(47.5391, 0.2827, 0.2300)$

Have a look what the booklet for
Yxy(47.5391, 0.2827, 0.2300)
contains.

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Color

Yxy(47.4114, 0.2825, 0.2297)

Conversions

Conversions Part 1

Format	Color
Hex	D4A3FF
RGB	212, 163, 255
RGB Percent	83%, 64%, 100%
CMY	0.1684, 0.3609, 0.0000
CMYK	0.17, 0.36, 0.00, 0.00
HSL	272°, 100%, 82%
HSV	272°, 36%, 100%
XYZ	58.3096, 47.4114, 100.6847
YIQ	188.1390, -0.3280, 39.0000

Conversions

Conversions Part 2

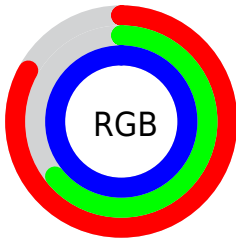
Format	Color
R _Y B	212, 163, 255
Decimal	13935615
CIE Lab	74.45, 34.97, -38.90
CIE LCh	74, 52.307, 311.958
Yxy	47.4114, 0.2825, 0.2297
Android (android.graphics.Color)	4292125695 (0xFFD4A3FF)
YUV	188.1390, 32.9625, 20.9261
Hunter-Lab	68.8559, 30.6622, -38.4978

Details

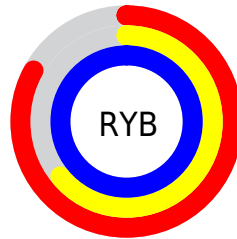
The Yxy color $47.4114, 0.2825, 0.2297$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $87.2748, 0.3340, 0.4299$, and the grayscale version is $50.1848, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $22.5140, 0.2732, 0.2079$ is the 20% darker color. If you saturate the color by 10%, you get $37.5494, 0.2714, 0.2001$, and if you desaturate by 10%, it is $59.2331, 0.2925, 0.2591$.

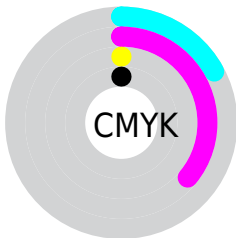
Distribution



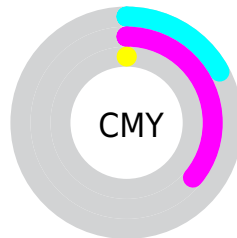
- Red (83%)
- Green (64%)
- Blue (100%)



- Red (83%)
- Yellow (64%)
- Blue (100%)



- Cyan (17%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)





- Cyan (17%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4114, 0.2825, 0.2297 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 47.4114, 0.2825, 0.2297 by changing the saturation by 10% instead.


 47.4114, 0.2825,
0.2297


 47.4114, 0.2825,
0.2297


376.4543, 0.2984,
0.2751

 33.3610, 0.2785,
0.2196

 86.3274, 0.2884,
0.2453

 22.4031, 0.2733,
0.2073


 111.9618, 0.2905,
0.2514

 14.1534, 0.2664,
0.1921


142.2263, 0.2924,
0.2567

 8.2274, 0.2569,
0.1728

177.5053, 0.2939,
0.2613

 4.2408, 0.2433,
0.1479

218.1832, 0.2953,
0.2654

 1.8092, 0.2225,
0.1153

264.6444, 0.2964,

 0.4929, 0.1902,

0.2690

0.0660

317.2733, 0.2975,
0.2722

0.0000, 0.0971,
0.0000

0.0000, 0.0000,
0.0000

47.4114, 0.2825,
0.2297

47.4114, 0.2825,
0.2297

37.5494, 0.2714,
0.2001

59.2331, 0.2925,
0.2591

29.5280, 0.2594,
0.1715

73.1125, 0.3012,
0.2874

23.2241, 0.2468,
0.1455

89.1480, 0.3087,
0.3139

18.4962, 0.2342,
0.1234

100.0000, 0.3127,
0.3290

■ 15.1793, 0.2222,
0.1063

■ 13.0687, 0.2111,
0.0949

■ 12.4535, 0.2071,
0.0914

Harmonies

Analogous

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



47.4114, 0.2252, 0.2182



47.4114, 0.2825, 0.2297



47.4114, 0.3560, 0.2613

Triad

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



47.4114, 0.2825, 0.2297



47.4114, 0.4442, 0.4136



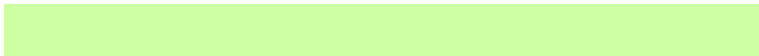
47.4114, 0.2109, 0.3384

Complementary

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



47.4114, 0.2825, 0.2297



87.2748, 0.3340, 0.4299

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.



47.4114, 0.2614, 0.4141



47.4114, 0.2825, 0.2297



47.4114, 0.3963, 0.4538

Square

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



47.4114, 0.2825, 0.2297



47.4114, 0.4560, 0.3607



47.4114, 0.3293, 0.4593



47.4114, 0.1879, 0.2709

Rectangle

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



47.4114, 0.2825, 0.2297



47.4114, 0.4032, 0.2909



47.4114, 0.3293, 0.4593



47.4114, 0.2249, 0.3645

Sweetspot

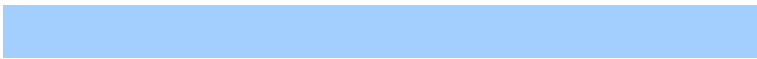
The Sweet Spot groups the original color and five complimentary colors.



47.4133, 0.2825, 0.2297



80.9920, 0.3052, 0.3011



59.8523, 0.2542, 0.2737



16.8741, 0.3042, 0.2975



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.



47.4133, 0.2825, 0.2297



40.3907, 0.2749, 0.2092



54.5697, 0.3181, 0.2407



17.8547, 0.3063, 0.3050



6.5970, 0.2087, 0.0924



0.7074, 0.2206, 0.0989

Inverse Universe

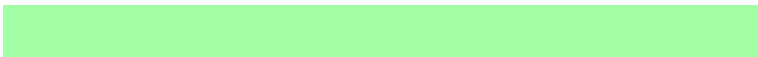
The Inverse Universe completely reimagines the original color for something new.



51.9008, 0.3591, 0.2847



45.6274, 0.3720, 0.2762



82.0035, 0.3068, 0.4367



18.1282, 0.3221, 0.3180



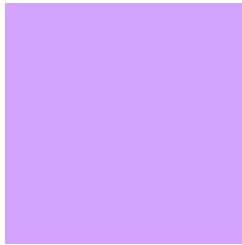
11.8344, 0.5106, 0.2586



1.1741, 0.4834, 0.2436

Previews

White Background



This preview shows how the Yxy color 47.4114, 0.2825, 0.2297 looks on a white background.

Color Contrast Check

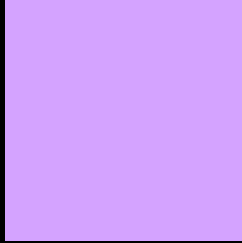
Large Text (above 18pt) WCAG AA × Fail

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 47.4114, 0.2825, 0.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

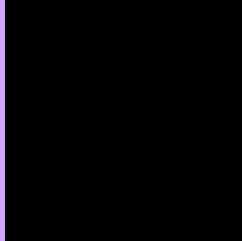
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4114, 0.2825, 0.2297

Background



This preview shows how black text looks on a background with the Yxy color 47.4114, 0.2825, 0.2297.



This preview shows how white text looks on a background with the Yxy color 47.4114, 0.2825, 0.2297.

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

47.4114, 0.2825, 0.2297

Protanopia

47.7413, 0.2478, 0.2411

Deuteranopia

47.6942, 0.2512, 0.2453



Tritanopia

47.1859, 0.3232, 0.3118

Trichromacy



Original Color

47.4114, 0.2825, 0.2297



Protanomaly

47.0758, 0.2591, 0.2356



Deuteranomaly

47.0037, 0.2616, 0.2386



Tritanomaly

46.9600, 0.3074, 0.2782

Monochromacy



Original Color

47.4114, 0.2825, 0.2297



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.8640, 0.3021, 0.2893

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4114, 0.2825, 0.2297 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, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(212, 163, 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(212, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 163, 255) }
```

Border

The CSS property to change the border of an element to Yxy 47.4114, 0.2825, 0.2297 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, 163, 255) }
```

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

```
.border{ border-color:rgb(212, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(212, 163,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4114, 0.2825, 0.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 163, 255) }
```

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

```
.background{ background-color: rgb(212,  
163, 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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