

Converting Colors

$Y_{xy}(44.4132, 0.2895, 0.2216)$

Have a look what the booklet for
Yxy(44.4132, 0.2895, 0.2216)
contains.

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Color

Yxy(44.2216, 0.2898, 0.2215)

Conversions

Conversions Part 1

Format	Color
Hex	DB97FC
RGB	219, 151, 252
RGB Percent	86%, 59%, 99%
CMY	0.1410, 0.4079, 0.0118
CMYK	0.13, 0.40, 0.00, 0.01
HSL	280°, 94%, 79%
HSV	280°, 40%, 99%
XYZ	57.8574, 44.2216, 97.5670
YIQ	182.8460, 8.1070, 45.8270

Conversions

Conversions Part 2

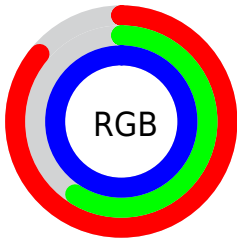
Format	Color
R _Y B	219, 151, 252
Decimal	14391292
CIE Lab	72.38, 42.82, -40.44
CIE LCh	72, 58.899, 316.633
Yxy	44.2216, 0.2898, 0.2215
Android (android.graphics.Color)	4292581372 (0xFFDB97FC)
YUV	182.8460, 34.0929, 31.7071
Hunter-Lab	66.4993, 38.9293, -40.4401

Details

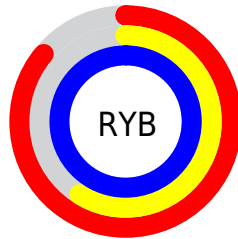
The Yxy color **44.2216, 0.2898, 0.2215** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **82.0259, 0.3267, 0.4455**, and the grayscale version is **47.0734, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **20.3569, 0.2813, 0.1967** is the 20% darker color. If you saturate the color by 10%, you get **35.7182, 0.2819, 0.1944**, and if you desaturate by 10%, it is **54.5247, 0.2968, 0.2494**.

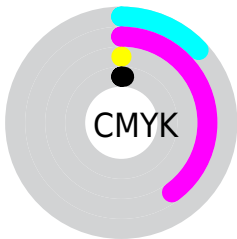
Distribution



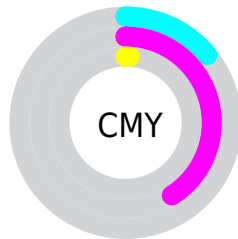
- Red (86%)
- Green (59%)
- Blue (99%)



- Red (86%)
- Yellow (59%)
- Blue (99%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (1%)





- Cyan (14%)
- Magenta (41%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2216, 0.2898, 0.2215 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 44.2216, 0.2898, 0.2215 by changing the saturation by 10% instead.


 44.2216, 0.2898,
0.2215

 44.2216, 0.2898,
0.2215


363.6118, 0.3026,
0.2706

 30.8448, 0.2864,
0.2106


 81.5511, 0.2947,
0.2383

 20.4807, 0.2819,
0.1974


 106.2725, 0.2964,
0.2449

 12.7449, 0.2758,
0.1811


135.5443, 0.2979,
0.2506

 7.2531, 0.2672,
0.1605

169.7508, 0.2991,
0.2556

 3.6209, 0.2545,
0.1342

209.2764, 0.3002,
0.2600

 1.4638, 0.2345,
0.1002

254.5055, 0.3011,

 0.2631, 0.2046,

0.2640

0.0390

305.8225, 0.3019,
0.2674

0.0000, 0.0975,
0.0000

0.0000, 0.0000,
0.0000

44.2216, 0.2898,
0.2215

44.2216, 0.2898,
0.2215

35.7182, 0.2819,
0.1944

54.5247, 0.2968,
0.2494

28.8966, 0.2734,
0.1692

66.7244, 0.3030,
0.2771

23.6334, 0.2645,
0.1473

80.9172, 0.3083,
0.3037

19.7852, 0.2556,
0.1296

97.1913, 0.3127,
0.3288

■ 17.1812, 0.2468,
0.1169

99.8072, 0.3145,
0.3319

■ 15.5504, 0.2386,
0.1088

Harmonies

Analogous

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



44.2216, 0.2216, 0.2047



44.2216, 0.2898, 0.2215



44.2216, 0.3754, 0.2594

Triad

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



44.2216, 0.2898, 0.2215



44.2216, 0.4551, 0.4309



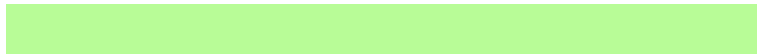
44.2216, 0.1908, 0.3248

Complementary

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



44.2216, 0.2898, 0.2215



82.0259, 0.3267, 0.4455

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.



44.2216, 0.2423, 0.4158



44.2216, 0.2898, 0.2215



44.2216, 0.3948, 0.4758

Square

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



44.2216, 0.2898, 0.2215



44.2216, 0.4780, 0.3716



44.2216, 0.3171, 0.4770



44.2216, 0.1711, 0.2520

Rectangle

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



44.2216, 0.2898, 0.2215



44.2216, 0.4281, 0.2934



44.2216, 0.3171, 0.4770



44.2216, 0.2046, 0.3549

Sweetspot

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



44.2234, 0.2898, 0.2215



80.1625, 0.3073, 0.2987



48.1586, 0.2446, 0.2474



16.7360, 0.3067, 0.2953



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.



44.2234, 0.2898, 0.2215



38.3445, 0.2836, 0.1998



48.8288, 0.3316, 0.2445



17.2243, 0.3085, 0.3052



8.1848, 0.2399, 0.1095



0.8154, 0.2497, 0.1149

Inverse Universe

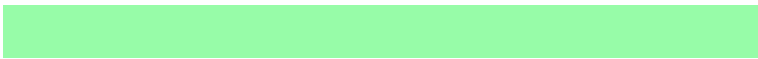
The Inverse Universe completely reimagines the original color for something new.



46.2797, 0.3807, 0.2944



40.9244, 0.4014, 0.2878



79.0090, 0.2985, 0.4318



17.3186, 0.3242, 0.3213



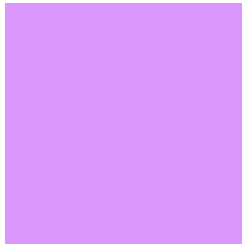
11.1233, 0.5671, 0.2898



1.0488, 0.5337, 0.2713

Previews

White Background



This preview shows how the Yxy color 44.2216, 0.2898, 0.2215 looks on a white background.

Color Contrast Check

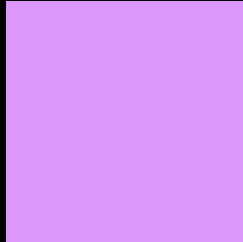
Large Text (above 18pt) WCAG AA × Fail

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 44.2216, 0.2898, 0.2215 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 44.2216, 0.2898, 0.2215

Background



This preview shows how black text looks on a background with the Yxy color 44.2216, 0.2898, 0.2215.



This preview shows how white text looks on a background with the Yxy color 44.2216, 0.2898, 0.2215.

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

44.2216, 0.2898, 0.2215

Protanopia

44.4593, 0.2411, 0.2323

Deuteranopia

44.6361, 0.2474, 0.2420



Tritanopia

44.3020, 0.3403, 0.3143

Trichromacy



Original Color

44.2216, 0.2898, 0.2215



Protanomaly

43.6583, 0.2565, 0.2266



Deuteranomaly

43.9420, 0.2611, 0.2328



Tritanomaly

43.9430, 0.3207, 0.2761

Monochromacy



Original Color

44.2216, 0.2898, 0.2215



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.4156, 0.3045, 0.2838

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2216, 0.2898, 0.2215 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(219, 151, 252)` looks like.

```
.text, #text, p{  
    color:rgb(219, 151, 252)  
}
```

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(219, 151, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 151, 252) }
```

Border

The CSS property to change the border of an element to Yxy 44.2216, 0.2898, 0.2215 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(219, 151, 252) }
```

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

```
.border{ border-color:rgb(219, 151, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 151, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 151, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 151, 252);  
box-shadow:4px 4px 4px 4px rgb(219, 151,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2216, 0.2898, 0.2215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 151, 252) }
```

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

```
.background{ background-color: rgb(219,  
151, 252) }
```

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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