

Converting Colors

$Y_{xy}(47.9869, 0.2270, 0.1557)$

Have a look what the booklet for
Yxy(47.9869, 0.2270, 0.1557)
contains.

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Color

Yxy(41.1324, 0.2729, 0.2123)

Conversions

Conversions Part 1

Format	Color
Hex	C995FF
RGB	201, 149, 255
RGB Percent	79%, 58%, 100%
CMY	0.2119, 0.4156, 0.0001
CMYK	0.21, 0.42, 0.00, 0.00
HSL	269°, 100%, 79%
HSV	269°, 42%, 100%
XYZ	52.8734, 41.1324, 99.7407
YIQ	176.6320, -3.0340, 43.9900

Conversions

Conversions Part 2

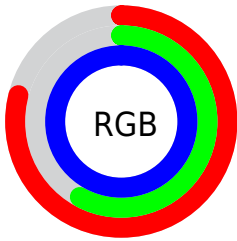
Format	Color
R _Y B	201, 149, 255
Decimal	13211135
CIE Lab	70.27, 39.37, -45.50
CIE LCh	70, 60.167, 310.868
Yxy	41.1324, 0.2729, 0.2123
Android (android.graphics.Color)	4291401215 (0xFFC995FF)
YUV	176.6320, 38.6354, 21.3707
Hunter-Lab	64.1345, 34.9225, -47.3124

Details

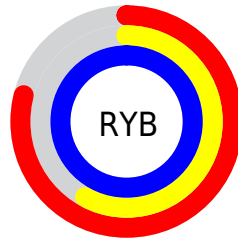
The Yxy color **41.1324, 0.2729, 0.2123** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **86.3792, 0.3395, 0.4456**, and the grayscale version is **43.5590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6657, 0.3151, 0.2792**, and **18.6463, 0.2603, 0.1856** is the 20% darker color. If you saturate the color by 10%, you get **32.2026, 0.2602, 0.1824**, and if you desaturate by 10%, it is **51.9840, 0.2845, 0.2425**.

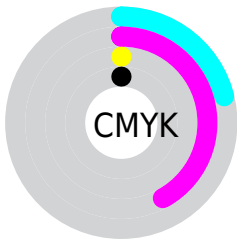
Distribution



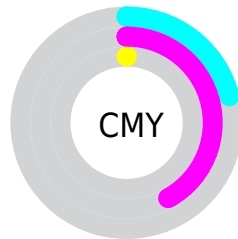
- Red (79%)
- Green (58%)
- Blue (100%)



- Red (79%)
- Yellow (58%)
- Blue (100%)



- Cyan (21%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)




- Cyan (21%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1324, 0.2729, 0.2123 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 41.1324, 0.2729, 0.2123 by changing the saturation by 10% instead.

 41.1324, 0.2729,
0.2123


 41.1324, 0.2729,
0.2123


350.8737, 0.2941,
0.2659

 28.4226, 0.2674,
0.2004


 76.8848, 0.2808,
0.2307

 18.6444, 0.2604,
0.1860


 100.6962, 0.2837,
0.2379

 11.4136, 0.2511,
0.1682


128.9769, 0.2861,
0.2441

 6.3458, 0.2383,
0.1460

162.1113, 0.2882,
0.2496

 3.0565, 0.2199,
0.1179

200.4838, 0.2900,
0.2544

 1.1613, 0.1923,
0.0827

244.4787, 0.2915,


 0.0297, 0.1549,


0.2587


0.0046


294.4806, 0.2929,
0.2625

 0.0000, 0.0000,
0.0000


 41.1324, 0.2729,
0.2123

 41.1324, 0.2729,
0.2123


 32.2026, 0.2602,
0.1824

 51.9840, 0.2845,
0.2425


 25.0693, 0.2467,
0.1543


 64.8619, 0.2949,
0.2718


 19.6000, 0.2331,
0.1295

 79.8689, 0.3039,
0.2995

 15.6405, 0.2199,
0.1093

 97.0991, 0.3116,
0.3252

 13.0060, 0.2077,
0.0949

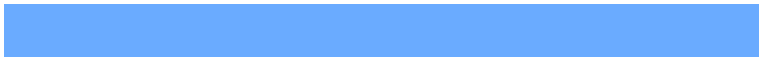
 99.9986, 0.3127,
0.3290

■ 11.5772, 0.1985,
0.0867

Harmonies

Analogous

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



41.1324, 0.2076, 0.1996



41.1324, 0.2729, 0.2123



41.1324, 0.3607, 0.2476

Triad

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



41.1324, 0.2729, 0.2123



41.1324, 0.4690, 0.4225



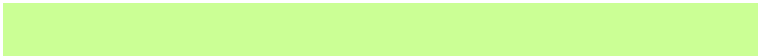
41.1324, 0.1935, 0.3421

Complementary

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



41.1324, 0.2729, 0.2123



86.3792, 0.3395, 0.4456

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.



41.1324, 0.2525, 0.4370



41.1324, 0.2729, 0.2123



41.1324, 0.4115, 0.4752

Square

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



41.1324, 0.2729, 0.2123



41.1324, 0.4840, 0.3601



41.1324, 0.3325, 0.4894



41.1324, 0.1671, 0.2601

Rectangle

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



41.1324, 0.2729, 0.2123



41.1324, 0.4187, 0.2809



41.1324, 0.3325, 0.4894



41.1324, 0.2097, 0.3747

Sweetspot

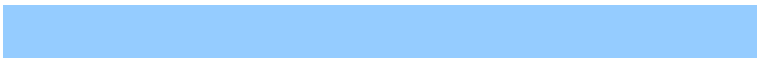
The Sweet Spot groups the original color and five complimentary colors.



41.1340, 0.2729, 0.2123



79.1669, 0.3035, 0.2983



56.6862, 0.2458, 0.2681



16.5014, 0.3024, 0.2948



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.



41.1340, 0.2729, 0.2123



33.4749, 0.2622, 0.1870



49.6444, 0.3160, 0.2261



17.8148, 0.3056, 0.3050



6.1388, 0.2002, 0.0876



0.6625, 0.2125, 0.0944

Inverse Universe

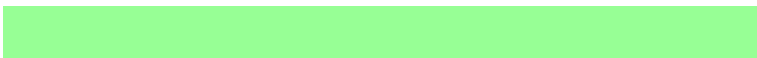
The Inverse Universe completely reimagines the original color for something new.



47.0731, 0.3646, 0.2734



40.3964, 0.3803, 0.2628



80.2360, 0.3076, 0.4579



18.1417, 0.3214, 0.3169



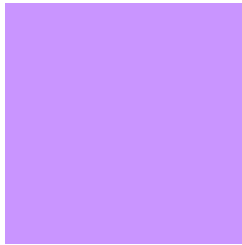
11.9813, 0.4923, 0.2485



1.1887, 0.4674, 0.2348

Previews

White Background



This preview shows how the Yxy color 41.1324, 0.2729, 0.2123 looks on a white background.

Color Contrast Check

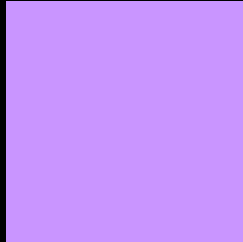
Large Text (above 18pt) WCAG AA × Fail

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 41.1324, 0.2729, 0.2123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

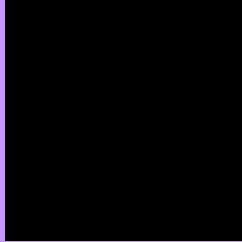
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1324, 0.2729, 0.2123

Background



This preview shows how black text looks on a background with the Yxy color 41.1324, 0.2729, 0.2123.



This preview shows how white text looks on a background with the Yxy color 41.1324, 0.2729, 0.2123.

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

41.1324, 0.2729, 0.2123

Protanopia

41.3467, 0.2345, 0.2234

Deuteranopia

41.6663, 0.2357, 0.2296



Tritanopia

41.2185, 0.3218, 0.3120

Trichromacy



Original Color

41.1324, 0.2729, 0.2123



Protanomaly

40.8472, 0.2464, 0.2185



Deuteranomaly

40.9040, 0.2476, 0.2222



Tritanomaly

40.9841, 0.3028, 0.2708

Monochromacy



Original Color

41.1324, 0.2729, 0.2123



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.4843, 0.2983, 0.2811

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1324, 0.2729, 0.2123 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(201, 149, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 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(201, 149, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 255) }
```

Border

The CSS property to change the border of an element to Yxy 41.1324, 0.2729, 0.2123 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(201, 149, 255) }
```

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

```
.border{ border-color:rgb(201, 149, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1324, 0.2729, 0.2123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 255) }
```

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

```
.background{ background-color: rgb(201,  
149, 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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