

Converting Colors

$Y_{xy}(42.9924, 0.2623, 0.2215)$

Have a look what the booklet for
Yxy(42.9924, 0.2623, 0.2215)
contains.

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Color

Yxy(43.1488, 0.2625, 0.2219)

Conversions

Conversions Part 1

Format	Color
Hex	BAA1FF
RGB	186, 161, 255
RGB Percent	73%, 63%, 100%
CMY	0.2706, 0.3686, 0.0000
CMYK	0.27, 0.37, 0.00, 0.00
HSL	256°, 100%, 82%
HSV	256°, 37%, 100%
XYZ	51.0435, 43.1488, 100.2592
YIQ	179.1910, -15.2740, 34.5340

Conversions

Conversions Part 2

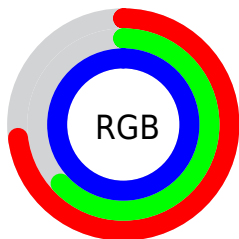
Format	Color
R_{YB}	186, 161, 255
Decimal	12231167
CIE _{Lab}	71.66, 28.59, -43.44
CIE _{LCh}	72, 52.006, 303.348
Y _{xy}	43.1488, 0.2625, 0.2219
Android (android.graphics.Color)	4290421247 (0xFFBAA1FF)
YUV	179.1910, 37.3738, 5.9715
Hunter-Lab	65.6877, 23.7522, -44.5129

Details

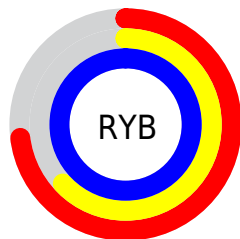
The Yxy color **43.1488, 0.2625, 0.2219** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **90.9198, 0.3512, 0.4267**, and the grayscale version is **44.9888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5648, 0.3068, 0.2901**, and **19.8398, 0.2482, 0.1968** is the 20% darker color. If you saturate the color by 10%, you get **32.9338, 0.2453, 0.1888**, and if you desaturate by 10%, it is **55.4895, 0.2784, 0.2541**.

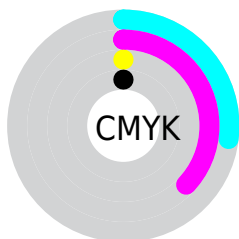
Distribution



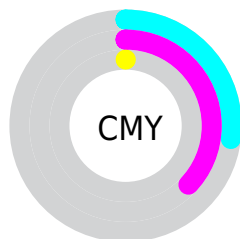
- Red (73%)
- Green (63%)
- Blue (100%)



- Red (73%)
- Yellow (63%)
- Blue (100%)



- Cyan (27%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)




- Cyan (27%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1488, 0.2625, 0.2219 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 43.1488, 0.2625, 0.2219 by changing the saturation by 10% instead.

 43.1488, 0.2625,
0.2219


 43.1488, 0.2625,
0.2219


359.2233, 0.2882,
0.2716

 30.0019, 0.2561,
0.2107


 79.9354, 0.2718,
0.2390

 19.8400, 0.2480,
0.1971


 104.3438, 0.2753,
0.2457

 12.2788, 0.2375,
0.1802


133.2748, 0.2783,
0.2515

 6.9339, 0.2232,
0.1589

167.1129, 0.2808,
0.2566

 3.4208, 0.2032,
0.1314

206.2424, 0.2830,
0.2610

 1.3551, 0.1740,
0.0960

251.0477, 0.2850,

 0.1833, 0.1333,

0.2649

0.0280

301.9132, 0.2867,
0.2685

0.0000, 0.0000,
0.0000

43.1488, 0.2625,
0.2219

43.1488, 0.2625,
0.2219

32.9338, 0.2453,
0.1888

55.4895, 0.2784,
0.2541

24.7197, 0.2272,
0.1563

70.0670, 0.2927,
0.2842

18.3709, 0.2094,
0.1264

86.9869, 0.3052,
0.3117

13.7342, 0.1928,
0.1011

100.0000, 0.3127,
0.3290

10.6305, 0.1786,
0.0823

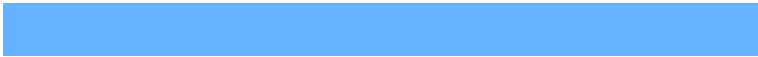
■ 8.8357, 0.1675,
0.0707

■ 8.4407, 0.1646,
0.0681

Harmonies

Analogous

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



43.1488, 0.2110, 0.2167



43.1488, 0.2625, 0.2219



43.1488, 0.3348, 0.2487

Triad

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



43.1488, 0.2625, 0.2219



43.1488, 0.4552, 0.4001



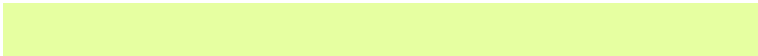
43.1488, 0.2206, 0.3616

Complementary

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



43.1488, 0.2625, 0.2219



90.9198, 0.3512, 0.4267

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.



43.1488, 0.2788, 0.4349



43.1488, 0.2625, 0.2219



43.1488, 0.4149, 0.4473

Square

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



43.1488, 0.2625, 0.2219



43.1488, 0.4546, 0.3451



43.1488, 0.3500, 0.4663



43.1488, 0.1888, 0.2865

Rectangle

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



43.1488, 0.2625, 0.2219



43.1488, 0.3856, 0.2762



43.1488, 0.3500, 0.4663



43.1488, 0.2375, 0.3883

Sweetspot

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



43.1494, 0.2625, 0.2219



79.6918, 0.3002, 0.3007



72.2308, 0.2572, 0.3022



16.5651, 0.2985, 0.2969



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.



43.1494, 0.2625, 0.2219



35.6457, 0.2503, 0.1983



49.7845, 0.2979, 0.2320



17.6112, 0.3020, 0.3047



4.4719, 0.1660, 0.0688



0.4860, 0.1772, 0.0750

Inverse Universe

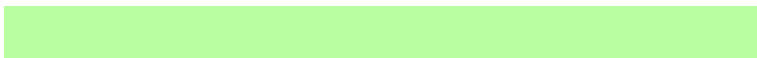
The Inverse Universe completely reimagines the original color for something new.



52.4663, 0.3377, 0.2595



46.2911, 0.3442, 0.2465



84.3463, 0.3214, 0.4367



18.2131, 0.3179, 0.3117



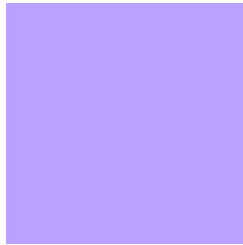
13.0148, 0.4022, 0.1989



1.2853, 0.3908, 0.1926

Previews

White Background



This preview shows how the Yxy color 43.1488, 0.2625, 0.2219 looks on a white background.

Color Contrast Check

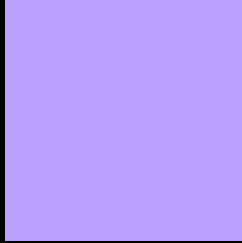
Large Text (above 18pt) WCAG AA × Fail

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 43.1488, 0.2625, 0.2219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

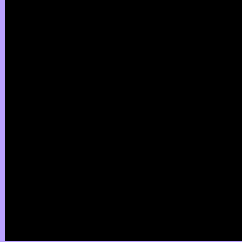
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1488, 0.2625, 0.2219

Background



This preview shows how black text looks on a background with the Yxy color 43.1488, 0.2625, 0.2219.



This preview shows how white text looks on a background with the Yxy color 43.1488, 0.2625, 0.2219.

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

43.1488, 0.2625, 0.2219

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.4114, 0.2394, 0.2333



Tritanopia

43.2183, 0.2998, 0.3104

Trichromacy



Original Color

43.1488, 0.2625, 0.2219

Protanomaly

43.2773, 0.2469, 0.2267

Deuteranomaly

43.0449, 0.2474, 0.2284

Tritanomaly

43.0185, 0.2856, 0.2746

Monochromacy



Original Color

43.1488, 0.2625, 0.2219

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9551, 0.2935, 0.2847

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1488, 0.2625, 0.2219 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(186, 161, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 161, 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(186, 161, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 161, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.1488, 0.2625, 0.2219 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(186, 161, 255) }
```

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

```
.border{ border-color:rgb(186, 161, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 161, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 161, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 161, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 161,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1488, 0.2625, 0.2219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 161, 255) }
```

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

```
.background{ background-color: rgb(186,  
161, 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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