

Converting Colors

$Y_{xy}(43.2604, 0.2712, 0.2199)$

Have a look what the booklet for
Yxy(43.2604, 0.2712, 0.2199)
contains.

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Color

Yxy(43.3397, 0.2712, 0.2201)

Conversions

Conversions Part 1

Format	Color
Hex	C69DFF
RGB	198, 157, 255
RGB Percent	78%, 62%, 100%
CMY	0.2234, 0.3843, 0.0000
CMYK	0.22, 0.38, 0.00, 0.00
HSL	265°, 100%, 81%
HSV	265°, 38%, 100%
XYZ	53.4018, 43.3397, 100.1677
YIQ	180.4310, -7.0220, 39.1700

Conversions

Conversions Part 2

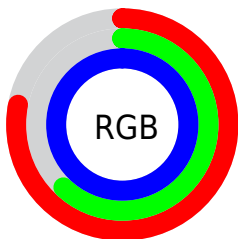
Format	Color
RYB	198, 157, 255
Decimal	13016575
CIELab	71.78, 34.20, -43.16
CIELCh	72, 55.067, 308.390
Yxy	43.3397, 0.2712, 0.2201
Android (android.graphics.Color)	4291206655 (0xFFC69DFF)
YUV	180.4310, 36.7625, 15.4080
Hunter-Lab	65.8329, 29.5865, -44.1293

Details

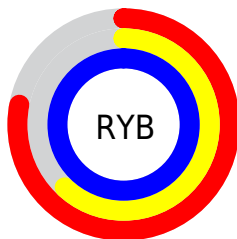
The Yxy color **43.3397, 0.2712, 0.2201** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **88.2450, 0.3426, 0.4345**, and the grayscale version is **45.6882, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **19.9312, 0.2583, 0.1950** is the 20% darker color. If you saturate the color by 10%, you get **33.6773, 0.2571, 0.1890**, and if you desaturate by 10%, it is **55.0016, 0.2841, 0.2509**.

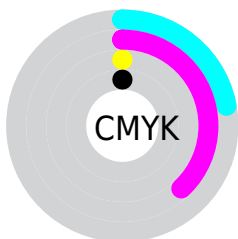
Distribution



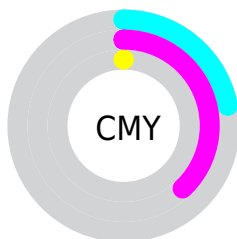
- Red (78%)
- Green (62%)
- Blue (100%)



- Red (78%)
- Yellow (62%)
- Blue (100%)



- Cyan (22%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3397, 0.2712, 0.2201 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 43.3397, 0.2712, 0.2201 by changing the saturation by 10% instead.


 43.3397, 0.2712,
0.2201


 43.3397, 0.2712,
0.2201


360.0069, 0.2928,
0.2703

 30.1517, 0.2657,
0.2089


 80.2232, 0.2791,
0.2373

 19.9538, 0.2587,
0.1953


 104.6876, 0.2821,
0.2441

 12.3615, 0.2495,
0.1785


133.6795, 0.2846,
0.2499

 6.9903, 0.2369,
0.1572

167.5835, 0.2867,
0.2550

 3.4561, 0.2190,
0.1301

206.7838, 0.2886,
0.2595

 1.3742, 0.1923,
0.0952

251.6649, 0.2902,

 0.1976, 0.1544,

0.2635

0.0295

302.6111, 0.2916,
0.2671

 0.0000, 0.0000,
0.0000

 43.3397, 0.2712,
0.2201

 43.3397, 0.2712,
0.2201

 33.6773, 0.2571,
0.1890

 55.0016, 0.2841,
0.2509

 25.8930, 0.2421,
0.1590

 68.7686, 0.2955,
0.2803

 19.8562, 0.2269,
0.1318

 84.7422, 0.3054,
0.3077

 15.4176, 0.2122,
0.1090

100.0000, 0.3127,
0.3290

 12.4014, 0.1988,
0.0920

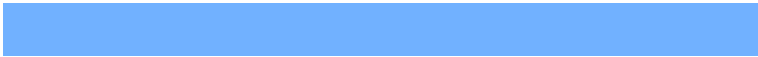
■ 10.5633, 0.1873,
0.0810

■ 10.3313, 0.1856,
0.0796

Harmonies

Analogous

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



43.3397, 0.2131, 0.2105



43.3397, 0.2712, 0.2201



43.3397, 0.3496, 0.2513

Triad

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



43.3397, 0.2712, 0.2201



43.3397, 0.4580, 0.4120



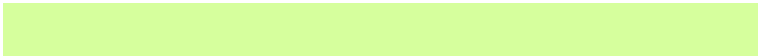
43.3397, 0.2079, 0.3487

Complementary

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



43.3397, 0.2712, 0.2201



88.2450, 0.3426, 0.4345

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.



43.3397, 0.2647, 0.4307



43.3397, 0.2712, 0.2201



43.3397, 0.4094, 0.4594

Square

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



43.3397, 0.2712, 0.2201



43.3397, 0.4662, 0.3547



43.3397, 0.3385, 0.4732



43.3397, 0.1802, 0.2727

Rectangle

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



43.3397, 0.2712, 0.2201



43.3397, 0.4023, 0.2816



43.3397, 0.3385, 0.4732



43.3397, 0.2239, 0.3775

Sweetspot

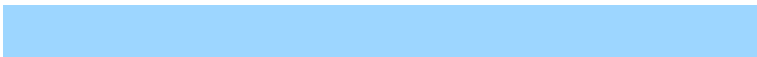
The Sweet Spot groups the original color and five complimentary colors.



43.3407, 0.2712, 0.2201



78.7876, 0.3021, 0.2982



62.5632, 0.2521, 0.2814



16.4123, 0.3008, 0.2946



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.



43.3407, 0.2712, 0.2201



35.8521, 0.2606, 0.1965



51.0750, 0.3104, 0.2318



17.7493, 0.3045, 0.3049



5.4813, 0.1873, 0.0806



0.5962, 0.1999, 0.0875

Inverse Universe

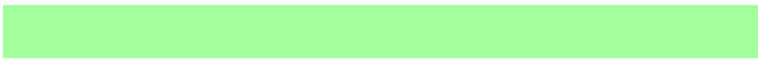
The Inverse Universe completely reimagines the original color for something new.



50.2245, 0.3527, 0.2708



43.8018, 0.3639, 0.2596



81.9705, 0.3118, 0.4454



18.1642, 0.3203, 0.3153



12.2604, 0.4621, 0.2320



1.2156, 0.4416, 0.2206

Previews

White Background



This preview shows how the Yxy color 43.3397, 0.2712, 0.2201 looks on a white background.

Color Contrast Check

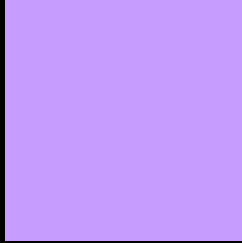
Large Text (above 18pt) WCAG AA × Fail

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 43.3397, 0.2712, 0.2201 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 43.3397, 0.2712, 0.2201

Background



This preview shows how black text looks on a background with the Yxy color 43.3397, 0.2712, 0.2201.

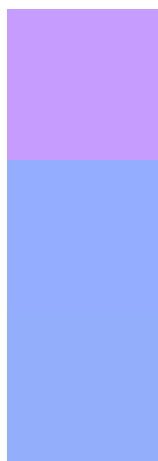


This preview shows how white text looks on a background with the Yxy color 43.3397, 0.2712, 0.2201.

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

43.3397, 0.2712, 0.2201

Protanopia

43.4967, 0.2395, 0.2295

Deuteranopia

43.4402, 0.2406, 0.2344



Tritanopia

43.4469, 0.3144, 0.3122

Trichromacy



Original Color

43.3397, 0.2712, 0.2201

Protanomaly

43.0729, 0.2499, 0.2252

Deuteranomaly

43.1405, 0.2511, 0.2290

Tritanomaly

43.2377, 0.2978, 0.2758

Monochromacy



Original Color

43.3397, 0.2712, 0.2201

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5748, 0.2976, 0.2852

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3397, 0.2712, 0.2201 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(198, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 157, 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(198, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 157, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.3397, 0.2712, 0.2201 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(198, 157, 255) }
```

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

```
.border{ border-color:rgb(198, 157, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 157,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3397, 0.2712, 0.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 157, 255) }
```

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

```
.background{ background-color: rgb(198,  
157, 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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