

Converting Colors

$Yxy(43.0444, 0.2704, 0.2194)$

Have a look what the booklet for
Yxy(43.0444, 0.2704, 0.2194)
contains.

Yxy(43.2043, 0.2704, 0.2199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.2043, 0.2704, 0.2199)

Conversions

Conversions Part 1

Format	Color
Hex	C59DFF
RGB	197, 157, 255
RGB Percent	77%, 62%, 100%
CMY	0.2276, 0.3842, 0.0000
CMYK	0.23, 0.38, 0.00, 0.00
HSL	264°, 100%, 81%
HSV	264°, 38%, 100%
XYZ	53.1262, 43.2043, 100.1420
YIQ	180.1320, -7.6180, 38.9580

Conversions

Conversions Part 2

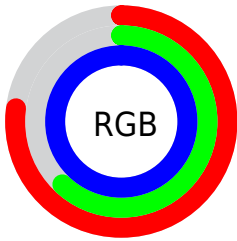
Format	Color
R_{YB}	197, 157, 255
Decimal	12951039
CIE _{Lab}	71.69, 33.88, -43.30
CIE _{LCh}	72, 54.982, 308.040
Yxy	43.2043, 0.2704, 0.2199
Android (android.graphics.Color)	4291141119 (0xFFC59DFF)
YUV	180.1320, 36.9099, 14.7932
Hunter-Lab	65.7300, 29.2449, -44.3195

Details

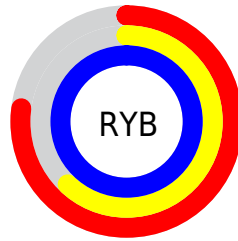
The Yxy color $43.2043, 0.2704, 0.2199$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $88.4050, 0.3433, 0.4343$, and the grayscale version is $45.5177, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5670, 0.3147, 0.2871$, and $19.8431, 0.2573, 0.1946$ is the 20% darker color. If you saturate the color by 10%, you get $33.5211, 0.2560, 0.1886$, and if you desaturate by 10%, it is $54.8956, 0.2835, 0.2508$.

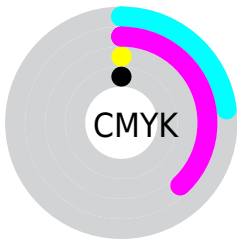
Distribution



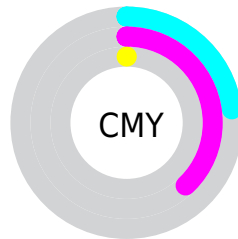
- Red (77%)
- Green (62%)
- Blue (100%)



- Red (77%)
- Yellow (62%)
- Blue (100%)



- Cyan (23%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2043, 0.2704, 0.2199 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 43.2043, 0.2704, 0.2199 by changing the saturation by 10% instead.


 43.2043, 0.2704,
0.2199


 43.2043, 0.2704,
0.2199


359.4513, 0.2924,
0.2702

 30.0454, 0.2648,
0.2087


 80.0191, 0.2785,
0.2372

 19.8731, 0.2577,
0.1950


 104.4438, 0.2815,
0.2440

 12.3028, 0.2484,
0.1781


133.3925, 0.2840,
0.2498

 6.9503, 0.2356,
0.1568

167.2498, 0.2862,
0.2549

 3.4310, 0.2175,
0.1296

206.3999, 0.2881,
0.2594

 1.3607, 0.1904,
0.0947

251.2272, 0.2897,

 0.1875, 0.1522,

0.2634

0.0281

302.1162, 0.2911,
0.2670

0.0000, 0.0000,
0.0000

43.2043, 0.2704,
0.2199

43.2043, 0.2704,
0.2199

33.5211, 0.2560,
0.1886

54.8956, 0.2835,
0.2508

25.7220, 0.2408,
0.1585

68.6986, 0.2952,
0.2803

19.6768, 0.2254,
0.1311

84.7160, 0.3053,
0.3077

15.2358, 0.2106,
0.1081

99.9997, 0.3127,
0.3290

12.2229, 0.1970,
0.0910

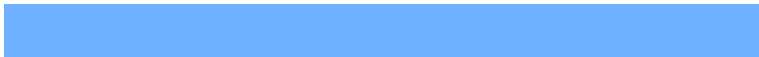
■ 10.3936, 0.1855,
0.0801

■ 10.1618, 0.1838,
0.0786

Harmonies

Analogous

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



43.2043, 0.2126, 0.2106



43.2043, 0.2704, 0.2199



43.2043, 0.3486, 0.2509

Triad

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



43.2043, 0.2704, 0.2199



43.2043, 0.4583, 0.4113



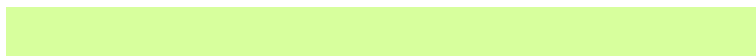
43.2043, 0.2084, 0.3497

Complementary

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



43.2043, 0.2704, 0.2199



88.4050, 0.3433, 0.4343

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.



43.2043, 0.2655, 0.4315



43.2043, 0.2704, 0.2199



43.2043, 0.4101, 0.4589

Square

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



43.2043, 0.2704, 0.2199



43.2043, 0.4659, 0.3540



43.2043, 0.3394, 0.4733



43.2043, 0.1804, 0.2735

Rectangle

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



43.2043, 0.2704, 0.2199



43.2043, 0.4014, 0.2810



43.2043, 0.3394, 0.4733



43.2043, 0.2246, 0.3785

Sweetspot

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



43.2060, 0.2704, 0.2199



78.7302, 0.3018, 0.2982



63.4009, 0.2524, 0.2834



16.3989, 0.3005, 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.



43.2060, 0.2704, 0.2199



35.6918, 0.2596, 0.1962



50.7875, 0.3091, 0.2314



17.7394, 0.3043, 0.3049



5.3919, 0.1855, 0.0796



0.5869, 0.1981, 0.0865

Inverse Universe

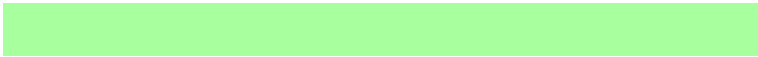
The Inverse Universe completely reimagines the original color for something new.



50.2873, 0.3517, 0.2697



43.8641, 0.3626, 0.2583



82.1471, 0.3128, 0.4450



18.1676, 0.3201, 0.3150



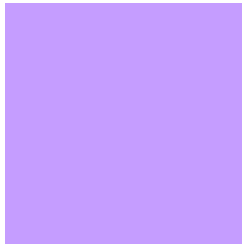
12.3069, 0.4576, 0.2295



1.2200, 0.4377, 0.2185

Previews

White Background



This preview shows how the Yxy color 43.2043, 0.2704, 0.2199 looks on a white background.

Color Contrast Check

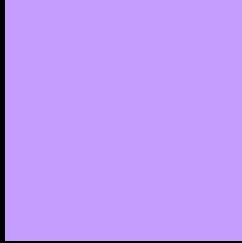
Large Text (above 18pt) WCAG AA × Fail

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 43.2043, 0.2704, 0.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

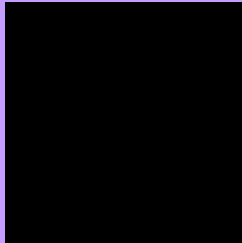
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2043, 0.2704, 0.2199

Background



This preview shows how black text looks on a background with the Yxy color 43.2043, 0.2704, 0.2199.



This preview shows how white text looks on a background with the Yxy color 43.2043, 0.2704, 0.2199.

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

43.2043, 0.2704, 0.2199

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.5034, 0.2400, 0.2334



Tritanopia

43.3221, 0.3135, 0.3121

Trichromacy



Original Color

43.2043, 0.2704, 0.2199

Protanomaly

42.9644, 0.2493, 0.2250

Deuteranomaly

43.0964, 0.2499, 0.2279

Tritanomaly

43.1094, 0.2969, 0.2756

Monochromacy



Original Color

43.2043, 0.2704, 0.2199

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4491, 0.2968, 0.2851

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2043, 0.2704, 0.2199 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(197, 157, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 157, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 157, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.2043, 0.2704, 0.2199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

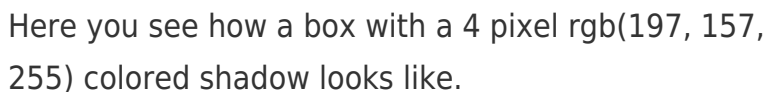
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 157, 255) }
```

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

```
.border{ border-color:rgb(197, 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(197, 157, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 157, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 157, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 157,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2043, 0.2704, 0.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 157, 255) }
```

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

```
.background{ background-color: rgb(197,  
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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