

Converting Colors

$Y_{xy}(43.6405, 0.2709, 0.2212)$

Have a look what the booklet for
Yxy(43.6405, 0.2709, 0.2212)
contains.

Yxy(43.5440, 0.2705, 0.2210)	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(43.5440, 0.2705, 0.2210)

Conversions

Conversions Part 1

Format	Color
Hex	C59EFF
RGB	197, 158, 255
RGB Percent	77%, 62%, 100%
CMY	0.2275, 0.3803, 0.0001
CMYK	0.23, 0.38, 0.00, 0.00
HSL	264°, 100%, 81%
HSV	264°, 38%, 100%
XYZ	53.2971, 43.5440, 100.1906
YIQ	180.7190, -7.8930, 38.4350

Conversions

Conversions Part 2

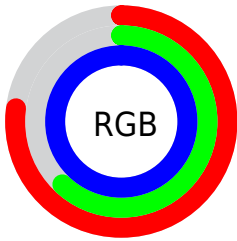
Format	Color
RYB	197, 158, 255
Decimal	12951295
CIELab	71.92, 33.33, -42.94
CIElCh	72, 54.359, 307.823
Yxy	43.5440, 0.2705, 0.2210
Android (android.graphics.Color)	4291141375 (0xFFC59EFF)
YUV	180.7190, 36.6205, 14.2784
Hunter-Lab	65.9879, 28.6920, -43.8296

Details

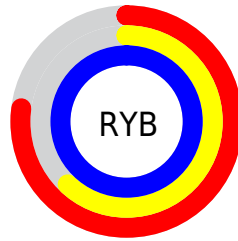
The Yxy color $43.5440, 0.2705, 0.2210$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $88.5813, 0.3434, 0.4330$, and the grayscale version is $45.8513, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0685, 0.3146, 0.2881$, and $20.0480, 0.2574, 0.1960$ is the 20% darker color. If you saturate the color by 10%, you get $33.7743, 0.2560, 0.1897$, and if you desaturate by 10%, it is $55.3300, 0.2837, 0.2519$.

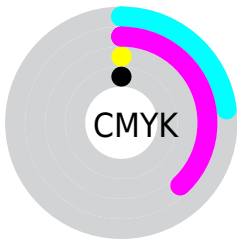
Distribution



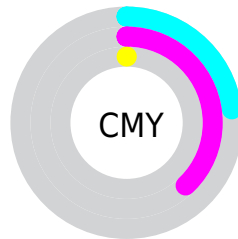
- Red (77%)
- Green (62%)
- Blue (100%)



- 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 43.5440, 0.2705, 0.2210 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 43.5440, 0.2705, 0.2210 by changing the saturation by 10% instead.


 43.5440, 0.2705,
0.2210

 43.5440, 0.2705,
0.2210


360.8442, 0.2924,
0.2708

 30.3122, 0.2650,
0.2099


 80.5311, 0.2785,
0.2381

 20.0757, 0.2579,
0.1964


 105.0552, 0.2815,
0.2448

 12.4501, 0.2486,
0.1796


134.1122, 0.2841,
0.2506

 7.0510, 0.2359,
0.1585

168.0865, 0.2862,
0.2557

 3.4940, 0.2180,
0.1314

207.3624, 0.2881,
0.2601

 1.3947, 0.1912,
0.0966

252.3244, 0.2897,

 0.2128, 0.1530,

0.2641

0.0317

303.3569, 0.2912,
0.2676

0.0000, 0.0000,
0.0000

43.5440, 0.2705,
0.2210

43.5440, 0.2705,
0.2210

33.7743, 0.2560,
0.1897

55.3300, 0.2837,
0.2519

25.8970, 0.2407,
0.1593

69.2357, 0.2954,
0.2814

19.7825, 0.2252,
0.1317

85.3636, 0.3056,
0.3088

15.2817, 0.2102,
0.1085

99.9991, 0.3127,
0.3290

12.2194, 0.1966,
0.0911

■ 10.3602, 0.1850,
0.0799

■ 10.0714, 0.1829,
0.0781

Harmonies

Analogous

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



43.5440, 0.2135, 0.2120



43.5440, 0.2705, 0.2210



43.5440, 0.3476, 0.2516

Triad

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



43.5440, 0.2705, 0.2210



43.5440, 0.4567, 0.4102



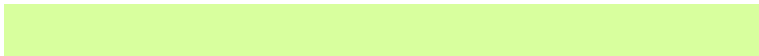
43.5440, 0.2101, 0.3501

Complementary

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



43.5440, 0.2705, 0.2210



88.5813, 0.3434, 0.4330

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.



43.5440, 0.2667, 0.4304



43.5440, 0.2705, 0.2210



43.5440, 0.4095, 0.4571

Square

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



43.5440, 0.2705, 0.2210



43.5440, 0.4637, 0.3536



43.5440, 0.3398, 0.4713



43.5440, 0.1821, 0.2748

Rectangle

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



43.5440, 0.2705, 0.2210



43.5440, 0.3996, 0.2813



43.5440, 0.3398, 0.4713



43.5440, 0.2261, 0.3784

Sweetspot

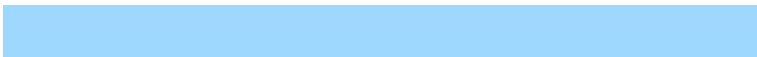
The Sweet Spot groups the original color and five complimentary colors.



43.5457, 0.2705, 0.2210



80.3465, 0.3027, 0.3009



63.7024, 0.2530, 0.2839



16.7205, 0.3014, 0.2972



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.



43.5457, 0.2705, 0.2210



35.6052, 0.2591, 0.1960



51.1420, 0.3092, 0.2324



17.7340, 0.3042, 0.3049



5.3444, 0.1845, 0.0790



0.5820, 0.1971, 0.0859

Inverse Universe

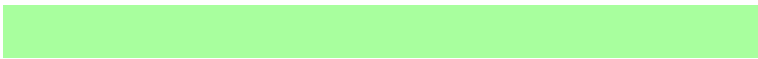
The Inverse Universe completely reimagines the original color for something new.



50.6745, 0.3507, 0.2698



43.8982, 0.3619, 0.2577



82.2731, 0.3128, 0.4436



18.1695, 0.3200, 0.3149



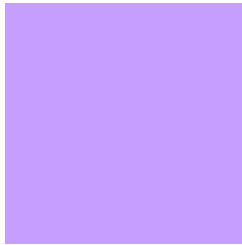
12.3327, 0.4552, 0.2281



1.2224, 0.4356, 0.2174

Previews

White Background



This preview shows how the Yxy color 43.5440, 0.2705, 0.2210 looks on a white background.

Color Contrast Check

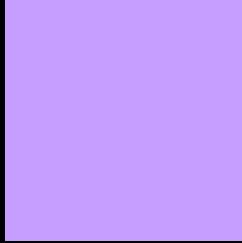
Large Text (above 18pt) WCAG AA × Fail

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 43.5440, 0.2705, 0.2210 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 43.5440, 0.2705, 0.2210

Background



This preview shows how black text looks on a background with the Yxy color 43.5440, 0.2705, 0.2210.



This preview shows how white text looks on a background with the Yxy color 43.5440, 0.2705, 0.2210.

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

43.5440, 0.2705, 0.2210

Protanopia

43.8817, 0.2397, 0.2308

Deuteranopia

43.9841, 0.2409, 0.2348



Tritanopia

43.3645, 0.3127, 0.3108

Trichromacy



Original Color

43.5440, 0.2705, 0.2210

Protanomaly

43.3323, 0.2494, 0.2262

Deuteranomaly

43.5748, 0.2507, 0.2293

Tritanomaly

43.1594, 0.2962, 0.2745

Monochromacy



Original Color

43.5440, 0.2705, 0.2210

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0060, 0.2969, 0.2854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5440, 0.2705, 0.2210 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, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 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, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.5440, 0.2705, 0.2210 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, 158, 255) }
```

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

```
.border{ border-color:rgb(197, 158, 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, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5440, 0.2705, 0.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 255) }
```

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

```
.background{ background-color: rgb(197,  
158, 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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