

Converting Colors

$Y_{xy}(43.5321, 0.2510, 0.2264)$

Have a look what the booklet for
Yxy(43.5321, 0.2510, 0.2264)
contains.

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Color

Yxy(43.5501, 0.2508, 0.2266)

Conversions

Conversions Part 1

Format	Color
Hex	A8A8FF
RGB	168, 168, 255
RGB Percent	66%, 66%, 100%
CMY	0.3410, 0.3412, 0.0002
CMYK	0.34, 0.34, 0.00, 0.00
HSL	240°, 100%, 83%
HSV	240°, 34%, 100%
XYZ	48.2011, 43.5501, 100.4381
YIQ	177.9180, -27.9270, 27.0570

Conversions

Conversions Part 2

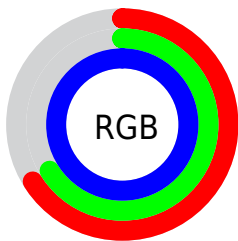
Format	Color
R _Y B	168, 168, 255
Decimal	11053311
CIE Lab	71.93, 19.73, -43.09
CIE LCh	72, 47.395, 294.604
Yxy	43.5501, 0.2508, 0.2266
Android (android.graphics.Color)	4289243391 (0xFFA8A8FF)
YUV	177.9180, 38.0014, -8.6981
Hunter-Lab	65.9925, 14.8900, -44.0424

Details

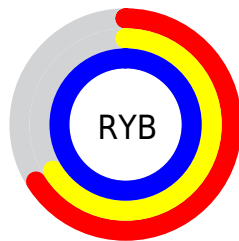
The Yxy color **43.5501, 0.2508, 0.2266** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **95.5664, 0.3643, 0.4143**, and the grayscale version is **44.2852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0029, 0.2940, 0.2960**, and **20.0787, 0.2339, 0.2020** is the 20% darker color. If you saturate the color by 10%, you get **32.5136, 0.2292, 0.1909**, and if you desaturate by 10%, it is **56.9834, 0.2713, 0.2605**.

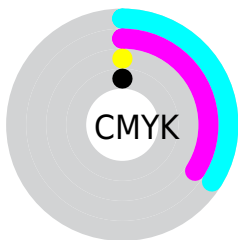
Distribution



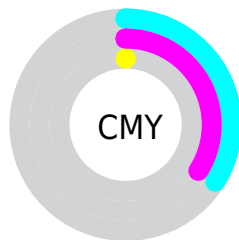
- Red (66%)
- Green (66%)
- Blue (100%)



- Red (66%)
- Yellow (66%)
- Blue (100%)



- Cyan (34%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (34%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5501, 0.2508, 0.2266 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 43.5501, 0.2508, 0.2266 by changing the saturation by 10% instead.


 43.5501, 0.2508,
0.2266

 43.5501, 0.2508,
0.2266

360.8692, 0.2817,
0.2747

 30.3170, 0.2433,
0.2157


 80.5403, 0.2619,
0.2433

 20.0793, 0.2338,
0.2023


 105.0662, 0.2661,
0.2498

 12.4527, 0.2216,
0.1856


134.1251, 0.2697,
0.2554

 7.0528, 0.2054,
0.1643

168.1015, 0.2728,
0.2602

 3.4951, 0.1830,
0.1368

207.3797, 0.2755,
0.2645

 1.3954, 0.1513,
0.1009

252.3441, 0.2778,

 0.2133, 0.1067,

0.2683

0.0333

303.3791, 0.2799,
0.2716

0.0000, 0.0000,
0.0000

43.5501, 0.2508,
0.2266

43.5501, 0.2508,
0.2266

32.5136, 0.2292,
0.1909

56.9834, 0.2713,
0.2605

23.7285, 0.2076,
0.1551

72.9376, 0.2899,
0.2913

17.0414, 0.1875,
0.1220

91.5343, 0.3065,
0.3188

12.2774, 0.1707,
0.0942

99.9974, 0.3127,
0.3290

9.2338, 0.1587,
0.0743

■ 7.6624, 0.1520,
0.0632

■ 7.2181, 0.1500,
0.0600

Harmonies

Analogous

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



43.5501, 0.2098, 0.2287



43.5501, 0.2508, 0.2266



43.5501, 0.3128, 0.2460

Triad

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



43.5501, 0.2508, 0.2266



43.5501, 0.4470, 0.3813



43.5501, 0.2422, 0.3797

Complementary

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



43.5501, 0.2508, 0.2266



95.5664, 0.3643, 0.4143

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.



43.5501, 0.3011, 0.4374



43.5501, 0.2508, 0.2266



43.5501, 0.4207, 0.4273

Square

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



43.5501, 0.2508, 0.2266



43.5501, 0.4334, 0.3301



43.5501, 0.3665, 0.4527



43.5501, 0.2046, 0.3093

Rectangle

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



43.5501, 0.2508, 0.2266



43.5501, 0.3595, 0.2688



43.5501, 0.3665, 0.4527



43.5501, 0.2600, 0.4022

Sweetspot

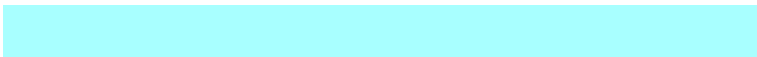
The Sweet Spot groups the original color and five complimentary colors.



43.5518, 0.2508, 0.2266



80.2779, 0.2970, 0.3030



87.0363, 0.2643, 0.3289



16.6362, 0.2946, 0.2991



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.



43.5518, 0.2508, 0.2266



35.7077, 0.2360, 0.2021



49.1426, 0.2823, 0.2350



17.3782, 0.2978, 0.3044



3.7731, 0.1500, 0.0600



0.3675, 0.1501, 0.0600

Inverse Universe

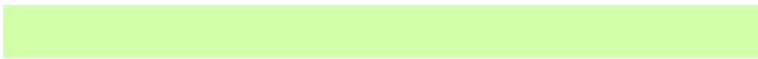
The Inverse Universe completely reimagines the original color for something new.



56.4726, 0.3167, 0.2441



50.4337, 0.3175, 0.2279



88.2411, 0.3349, 0.4233



18.3003, 0.3138, 0.3056



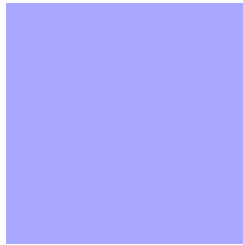
14.8778, 0.3210, 0.1542



1.4486, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 43.5501, 0.2508, 0.2266 looks on a white background.

Color Contrast Check

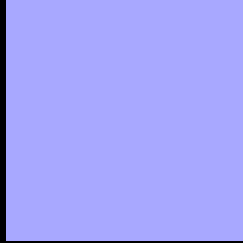
Large Text (above 18pt) WCAG AA × Fail

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 43.5501, 0.2508, 0.2266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

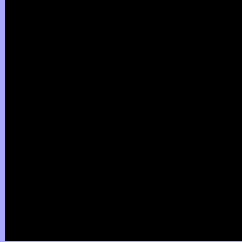
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5501, 0.2508, 0.2266

Background



This preview shows how black text looks on a background with the Yxy color 43.5501, 0.2508, 0.2266.



This preview shows how white text looks on a background with the Yxy color 43.5501, 0.2508, 0.2266.

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

43.5501, 0.2508, 0.2266

Protanopia

43.4967, 0.2395, 0.2295

Deuteranopia

43.9267, 0.2386, 0.2326



Tritanopia

43.5061, 0.2818, 0.3098

Trichromacy



Original Color

43.5501, 0.2508, 0.2266

Protanomaly

43.4137, 0.2434, 0.2282

Deuteranomaly

43.5308, 0.2429, 0.2300

Tritanomaly

43.4821, 0.2701, 0.2769

Monochromacy



Original Color

43.5501, 0.2508, 0.2266

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.7270, 0.2877, 0.2877

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5501, 0.2508, 0.2266 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(168, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(168, 168, 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(168, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 168, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.5501, 0.2508, 0.2266 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(168, 168, 255) }
```

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

```
.border{ border-color:rgb(168, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(168, 168,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5501, 0.2508, 0.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 168, 255) }
```

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

```
.background{ background-color: rgb(168,  
168, 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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