

Converting Colors

$Yxy(44.5649, 0.2409, 0.2078)$

Have a look what the booklet for
Yxy(44.5649, 0.2409, 0.2078)
contains.

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Color

Yxy(43.4035, 0.2520, 0.2257)

Conversions

Conversions Part 1

Format	Color
Hex	AAA7FF
RGB	170, 167, 255
RGB Percent	67%, 65%, 100%
CMY	0.3330, 0.3452, 0.0000
CMYK	0.33, 0.35, 0.00, 0.00
HSL	242°, 100%, 83%
HSV	242°, 35%, 100%
XYZ	48.4612, 43.4035, 100.4415
YIQ	177.9290, -26.4600, 28.0040

Conversions

Conversions Part 2

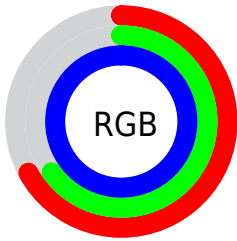
Format	Color
R _Y B	170, 167, 255
Decimal	11184127
CIE Lab	71.83, 20.87, -43.26
CIE LCh	72, 48.037, 295.757
Yxy	43.4035, 0.2520, 0.2257
Android (android.graphics.Color)	4289374207 (0xFFAAA7FF)
YUV	177.9290, 37.9960, -6.9537
Hunter-Lab	65.8813, 16.0091, -44.2755

Details

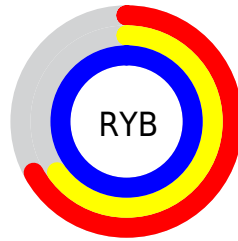
The Yxy color $43.4035, 0.2520, 0.2257$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $94.9839, 0.3628, 0.4160$, and the grayscale version is $44.2933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.7934, 0.2953, 0.2951$, and $19.9835, 0.2353, 0.2010$ is the 20% darker color. If you saturate the color by 10%, you get $32.4746, 0.2309, 0.1903$, and if you desaturate by 10%, it is $56.6889, 0.2719, 0.2594$.

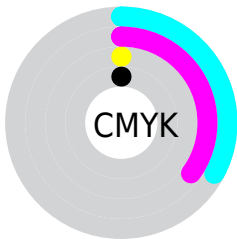
Distribution



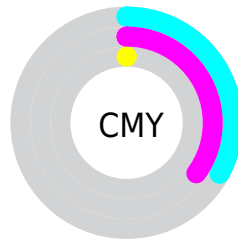
- Red (67%)
- Green (65%)
- Blue (100%)



- Red (67%)
- Yellow (65%)
- Blue (100%)



- Cyan (33%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)





- Cyan (33%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4035, 0.2520, 0.2257 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 43.4035, 0.2520, 0.2257 by changing the saturation by 10% instead.


 43.4035, 0.2520,
0.2257


 43.4035, 0.2520,
0.2257


360.2685, 0.2824,
0.2741

 30.2018, 0.2446,
0.2147


 80.3194, 0.2629,
0.2425

 19.9918, 0.2353,
0.2013


 104.8024, 0.2671,
0.2490

 12.3891, 0.2232,
0.1845


133.8147, 0.2706,
0.2547

 7.0093, 0.2071,
0.1632

167.7406, 0.2736,
0.2596

 3.4679, 0.1850,
0.1356

206.9646, 0.2763,
0.2639

 1.3806, 0.1534,
0.0997

251.8709, 0.2786,

 0.2024, 0.1093,

0.2677

0.0315

302.8441, 0.2806,
0.2711

0.0000, 0.0000,
0.0000

43.4035, 0.2520,
0.2257

43.4035, 0.2520,
0.2257

32.4746, 0.2309,
0.1903

56.6889, 0.2719,
0.2594

23.7622, 0.2096,
0.1549

72.4545, 0.2901,
0.2902

17.1154, 0.1897,
0.1221

90.8186, 0.3061,
0.3177

12.3637, 0.1728,
0.0946

100.0000, 0.3127,
0.3290

9.3090, 0.1602,
0.0747

■ 7.7097, 0.1528,
0.0635

■ 7.2782, 0.1507,
0.0604

Harmonies

Analogous

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



43.4035, 0.2096, 0.2269



43.4035, 0.2520, 0.2257



43.4035, 0.3154, 0.2460

Triad

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



43.4035, 0.2520, 0.2257



43.4035, 0.4485, 0.3837



43.4035, 0.2393, 0.3777

Complementary

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



43.4035, 0.2520, 0.2257



94.9839, 0.3628, 0.4160

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.



43.4035, 0.2983, 0.4376



43.4035, 0.2520, 0.2257



43.4035, 0.4204, 0.4300

Square

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



43.4035, 0.2520, 0.2257



43.4035, 0.4365, 0.3319



43.4035, 0.3647, 0.4548



43.4035, 0.2023, 0.3063

Rectangle

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



43.4035, 0.2520, 0.2257



43.4035, 0.3628, 0.2695



43.4035, 0.3647, 0.4548



43.4035, 0.2570, 0.4009

Sweetspot

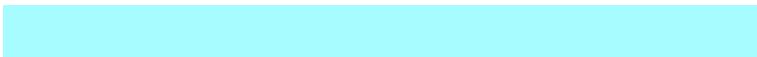
The Sweet Spot groups the original color and five complimentary colors.



43.4043, 0.2520, 0.2257



80.4252, 0.2976, 0.3031



85.0950, 0.2633, 0.3256



16.6714, 0.2953, 0.2992



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.



43.4043, 0.2520, 0.2257



36.0608, 0.2384, 0.2028



49.1330, 0.2841, 0.2343



17.4084, 0.2984, 0.3044



3.8162, 0.1510, 0.0606



0.3819, 0.1535, 0.0619

Inverse Universe

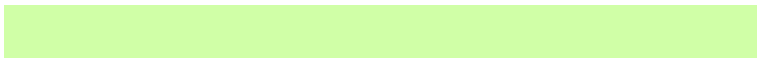
The Inverse Universe completely reimagines the original color for something new.



55.9099, 0.3192, 0.2458



50.2009, 0.3205, 0.2309



87.7268, 0.3332, 0.4251



18.2886, 0.3144, 0.3064



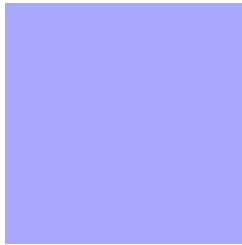
14.5901, 0.3300, 0.1591



1.4239, 0.3289, 0.1585

Previews

White Background



This preview shows how the Yxy color 43.4035, 0.2520, 0.2257 looks on a white background.

Color Contrast Check

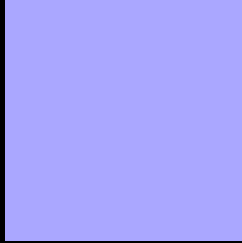
Large Text (above 18pt) WCAG AA × Fail

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 43.4035, 0.2520, 0.2257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

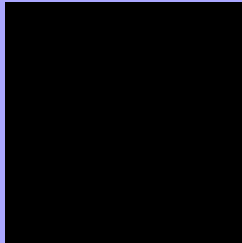
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4035, 0.2520, 0.2257

Background



This preview shows how black text looks on a background with the Yxy color 43.4035, 0.2520, 0.2257.



This preview shows how white text looks on a background with the Yxy color 43.4035, 0.2520, 0.2257.

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

43.4035, 0.2520, 0.2257

Protanopia

43.4967, 0.2395, 0.2295

Deuteranopia

43.3837, 0.2383, 0.2321



Tritanopia

43.3033, 0.2833, 0.3085

Trichromacy



Original Color

43.4035, 0.2520, 0.2257

Protanomaly

43.5139, 0.2441, 0.2283

Deuteranomaly

43.1516, 0.2427, 0.2288

Tritanomaly

43.2992, 0.2715, 0.2758

Monochromacy



Original Color

43.4035, 0.2520, 0.2257

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8423, 0.2885, 0.2878

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4035, 0.2520, 0.2257 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(170, 167, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 167, 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(170, 167, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 167, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.4035, 0.2520, 0.2257 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(170, 167, 255) }
```

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

```
.border{ border-color:rgb(170, 167, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 167, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 167, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 167, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 167,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4035, 0.2520, 0.2257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 167, 255) }
```

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

```
.background{ background-color: rgb(170,  
167, 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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