

Converting Colors

$Y_{xy}(43.1502, 0.2524, 0.2248)$

Have a look what the booklet for
Yxy(43.1502, 0.2524, 0.2248)
contains.

Yxy(43.1504, 0.2525, 0.2247)	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(43.1504, 0.2525, 0.2247)

Conversions

Conversions Part 1

Format	Color
Hex	ABA6FF
RGB	171, 166, 255
RGB Percent	67%, 65%, 100%
CMY	0.3293, 0.3491, 0.0000
CMYK	0.33, 0.35, 0.00, 0.00
HSL	243°, 100%, 83%
HSV	243°, 35%, 100%
XYZ	48.4890, 43.1504, 100.3962
YIQ	177.6410, -25.5890, 28.7390

Conversions

Conversions Part 2

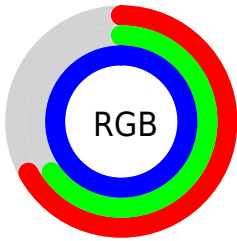
Format	Color
RYB	171, 166, 255
Decimal	11249407
CIELab	71.66, 21.69, -43.53
CIELCh	72, 48.634, 296.484
Yxy	43.1504, 0.2525, 0.2247
Android (android.graphics.Color)	4289439487 (0xFFABA6FF)
YUV	177.6410, 38.1380, -5.8242
Hunter-Lab	65.6890, 16.8059, -44.6340

Details

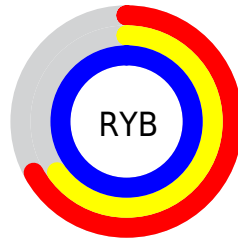
The Yxy color **43.1504, 0.2525, 0.2247** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **94.5874, 0.3620, 0.4173**, and the grayscale version is **44.1291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.4269, 0.2959, 0.2941**, and **19.8248, 0.2359, 0.1997** is the 20% darker color. If you saturate the color by 10%, you get **32.3212, 0.2317, 0.1894**, and if you desaturate by 10%, it is **56.3097, 0.2721, 0.2583**.

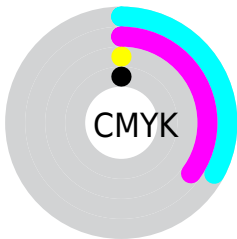
Distribution



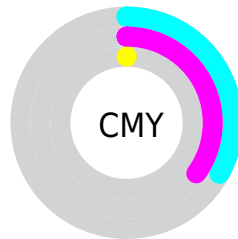
- Red (67%)
- Green (65%)
- Blue (100%)



- 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 43.1504, 0.2525, 0.2247 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 43.1504, 0.2525, 0.2247 by changing the saturation by 10% instead.


 43.1504, 0.2525,
0.2247

 43.1504, 0.2525,
0.2247


359.2299, 0.2827,
0.2735

 30.0031, 0.2451,
0.2136


 79.9378, 0.2634,
0.2416

 19.8410, 0.2358,
0.2001


 104.3467, 0.2675,
0.2482

 12.2795, 0.2238,
0.1832


133.2782, 0.2710,
0.2539

 6.9343, 0.2078,
0.1617

167.1169, 0.2740,
0.2589

 3.4211, 0.1856,
0.1340

206.2470, 0.2766,
0.2632

 1.3553, 0.1540,
0.0981


251.0529, 0.2789,

 0.1834, 0.1100,

0.2671

0.0287

301.9191, 0.2809,
0.2705


 0.0000, 0.0000,
0.0000


 43.1504, 0.2525,
0.2247

 43.1504, 0.2525,
0.2247


 32.3212, 0.2317,
0.1894

 56.3097, 0.2721,
0.2583

 23.6850, 0.2107,
0.1543


 71.9227, 0.2899,
0.2892

 17.0923, 0.1909,
0.1218

 90.1058, 0.3057,
0.3167

 12.3745, 0.1739,
0.0945

100.0000, 0.3127,
0.3290

 9.3357, 0.1612,
0.0748

■ 7.7368, 0.1534,
0.0637

■ 7.3172, 0.1512,
0.0607

Harmonies

Analogous

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



43.1504, 0.2091, 0.2253



43.1504, 0.2525, 0.2247



43.1504, 0.3172, 0.2458

Triad

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



43.1504, 0.2525, 0.2247



43.1504, 0.4501, 0.3854



43.1504, 0.2370, 0.3767

Complementary

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



43.1504, 0.2525, 0.2247



94.5874, 0.3620, 0.4173

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.



43.1504, 0.2963, 0.4383



43.1504, 0.2525, 0.2247



43.1504, 0.4206, 0.4322

Square

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



43.1504, 0.2525, 0.2247



43.1504, 0.4391, 0.3331



43.1504, 0.3636, 0.4568



43.1504, 0.2003, 0.3043

Rectangle

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



43.1504, 0.2525, 0.2247



43.1504, 0.3652, 0.2697



43.1504, 0.3636, 0.4568



43.1504, 0.2548, 0.4004

Sweetspot

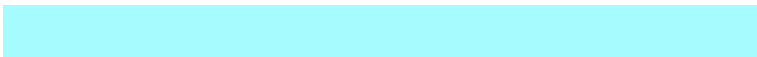
The Sweet Spot groups the original color and five complimentary colors.



43.1508, 0.2525, 0.2247



80.5158, 0.2979, 0.3031



84.0390, 0.2626, 0.3240



16.6931, 0.2957, 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.



43.1508, 0.2525, 0.2247



35.2363, 0.2378, 0.1998



48.9272, 0.2849, 0.2335



17.4269, 0.2987, 0.3045



3.8428, 0.1517, 0.0609



0.3907, 0.1556, 0.0631

Inverse Universe

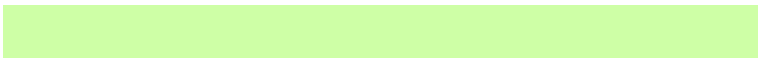
The Inverse Universe completely reimagines the original color for something new.



55.4274, 0.3208, 0.2465



49.2432, 0.3226, 0.2306



87.4009, 0.3325, 0.4266



18.2815, 0.3147, 0.3069



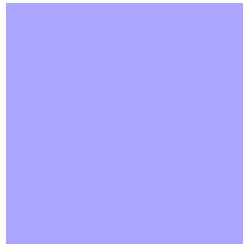
14.4203, 0.3357, 0.1623



1.4093, 0.3339, 0.1613

Previews

White Background



This preview shows how the Yxy color 43.1504, 0.2525, 0.2247 looks on a white background.

Color Contrast Check

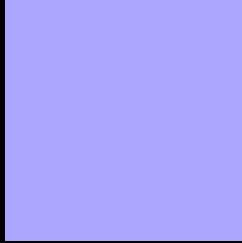
Large Text (above 18pt) WCAG AA × Fail

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 43.1504, 0.2525, 0.2247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

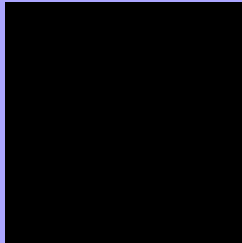
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1504, 0.2525, 0.2247

Background



This preview shows how black text looks on a background with the Yxy color 43.1504, 0.2525, 0.2247.



This preview shows how white text looks on a background with the Yxy color 43.1504, 0.2525, 0.2247.

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

43.1504, 0.2525, 0.2247

Protanopia

43.4030, 0.2389, 0.2294

Deuteranopia

43.2932, 0.2378, 0.2320



Tritanopia

43.3596, 0.2848, 0.3099

Trichromacy



Original Color

43.1504, 0.2525, 0.2247

Protanomaly

43.0374, 0.2433, 0.2269

Deuteranomaly

43.1516, 0.2427, 0.2288

Tritanomaly

43.0165, 0.2721, 0.2746

Monochromacy



Original Color

43.1504, 0.2525, 0.2247

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 43.1504, 0.2525, 0.2247 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(171, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 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(171, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 255) }
```

Border

The CSS property to change the border of an element to Yxy 43.1504, 0.2525, 0.2247 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(171, 166, 255) }
```

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

```
.border{ border-color:rgb(171, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1504, 0.2525, 0.2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 255) }
```

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

```
.background{ background-color: rgb(171,  
166, 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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