

Converting Colors

$Y_{xy}(35.0983, 0.2500, 0.1963)$

Have a look what the booklet for
Yxy(35.0983, 0.2500, 0.1963)
contains.

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Color

Yxy(35.1540, 0.2503, 0.1964)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AD8DFF |
| RGB | 173, 141, 255 |
| RGB Percent | 68%, 55%, 100% |
| CMY | 0.3217, 0.4470, 0.0000 |
| CMYK | 0.32, 0.45, 0.00, 0.00 |
| HSL | 257°, 100%, 78% |
| HSV | 257°, 45%, 100% |
| XYZ | 44.8017, 35.1540, 99.0362 |
| YIQ | 163.5640, -17.5220, 42.2380 |

Conversions

Conversions Part 2

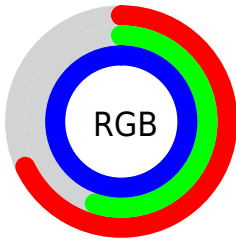
| Format | Color |
|-------------------------------------|--|
| RYB | 173, 141, 255 |
| Decimal | 11374079 |
| CIELab | 65.87, 36.24, -52.63 |
| CIELCh | 66, 63.900, 304.555 |
| Yxy | 35.1540, 0.2503, 0.1964 |
| Android (android.graphics.Color) | 4289564159 (0xFFAD8DFF) |
| YUV | 163.5640, 45.0779, 8.2754 |
| Hunter-Lab | 59.2908, 31.1203, -57.5313 |

Details

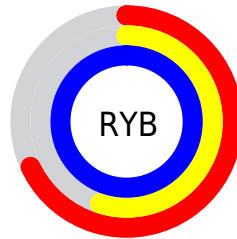
The Yxy color **35.1540, 0.2503, 0.1964** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **89.1414, 0.3572, 0.4483**, and the grayscale version is **36.6943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.2391, 0.2977, 0.2670**, and **15.1715, 0.2313, 0.1656** is the 20% darker color. If you saturate the color by 10%, you get **26.5297, 0.2327, 0.1638**, and if you desaturate by 10%, it is **45.7986, 0.2670, 0.2292**.

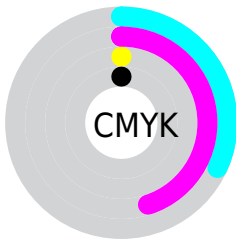
Distribution



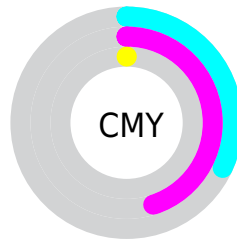
- Red (68%)
- Green (55%)
- Blue (100%)



- Red (68%)
- Yellow (55%)
- Blue (100%)



- Cyan (32%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (32%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1540, 0.2503, 0.1964 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 35.1540, 0.2503, 0.1964 by changing the saturation by 10% instead.


 35.1540, 0.2503,
0.1964


 35.1540, 0.2503,
0.1964


325.2476, 0.2831,
0.2581


 23.7815, 0.2420,
0.1827


 67.7243, 0.2624,
0.2176

 15.1716, 0.2314,
0.1661


 89.6909, 0.2669,
0.2259

 8.9399, 0.2176,
0.1459

 115.9576, 0.2706,
0.2331

 4.7020, 0.1989,
0.1209

146.9089, 0.2739,
0.2394

 2.0735, 0.1730,
0.0902

182.9292, 0.2767,
0.2449

 0.6497, 0.1366,
0.0525


224.4028, 0.2791,


 0.0000, 0.0781,


0.2498

0.0000


271.7141, 0.2812,
0.2542

 0.0000, 0.0000,
0.0000

 35.1540, 0.2503,
0.1964


 35.1540, 0.2503,
0.1964


 26.5297, 0.2327,
0.1638


 45.7986, 0.2670,
0.2292


 19.7907, 0.2149,
0.1333


 58.5806, 0.2823,
0.2609

 14.7898, 0.1981,
0.1070

 73.6114, 0.2959,
0.2904

 11.3555, 0.1832,
0.0868

 90.9938, 0.3077,
0.3173

 9.2788, 0.1713,
0.0736

100.0000, 0.3127,
0.3290

■ 8.5768, 0.1662,
0.0689

Harmonies

Analogous

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



35.1540, 0.1865, 0.1880



35.1540, 0.2503, 0.1964



35.1540, 0.3439, 0.2297

Triad

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



35.1540, 0.2503, 0.1964



35.1540, 0.4928, 0.4141



35.1540, 0.1914, 0.3658

Complementary

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



35.1540, 0.2503, 0.1964



89.1414, 0.3572, 0.4483

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.



35.1540, 0.2617, 0.4705



35.1540, 0.2503, 0.1964



35.1540, 0.4354, 0.4785

Square

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



35.1540, 0.2503, 0.1964



35.1540, 0.4992, 0.3461



35.1540, 0.3512, 0.5114



35.1540, 0.1563, 0.2669

Rectangle

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



35.1540, 0.2503, 0.1964



35.1540, 0.4115, 0.2633



35.1540, 0.3512, 0.5114



35.1540, 0.2113, 0.4036

Sweetspot

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



35.1549, 0.2503, 0.1964



76.3950, 0.2980, 0.2952



66.5216, 0.2462, 0.2932



15.5802, 0.2952, 0.2890



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.



35.1549, 0.2503, 0.1964



27.0691, 0.2339, 0.1660



42.8357, 0.2952, 0.2118



17.6241, 0.3023, 0.3047



4.5456, 0.1676, 0.0697



0.4946, 0.1791, 0.0760

Inverse Universe

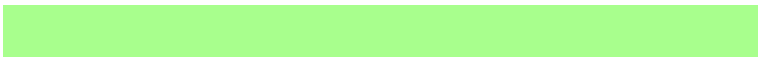
The Inverse Universe completely reimagines the original color for something new.



45.6465, 0.3464, 0.2467



39.0320, 0.3561, 0.2313



81.7263, 0.3211, 0.4634



18.2084, 0.3181, 0.3120



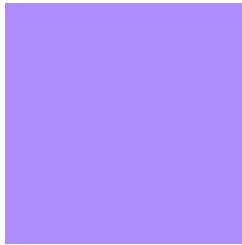
12.9339, 0.4075, 0.2018



1.2780, 0.3953, 0.1951

Previews

White Background



This preview shows how the Yxy color 35.1540, 0.2503, 0.1964 looks on a white background.

Color Contrast Check

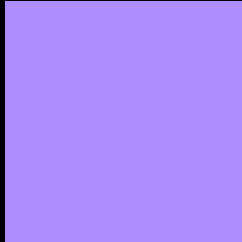
Large Text (above 18pt) WCAG AA × Fail

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 35.1540, 0.2503, 0.1964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

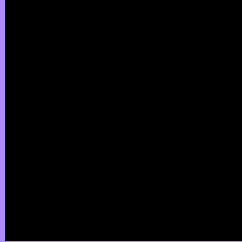
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1540, 0.2503, 0.1964

Background



This preview shows how black text looks on a background with the Yxy color 35.1540, 0.2503, 0.1964.



This preview shows how white text looks on a background with the Yxy color 35.1540, 0.2503, 0.1964.

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

35.1540, 0.2503, 0.1964

Protanopia

35.4715, 0.2204, 0.2050

Deuteranopia

35.4862, 0.2172, 0.2110



Tritanopia

35.1881, 0.2986, 0.3115

Trichromacy



Original Color

35.1540, 0.2503, 0.1964

Protanomaly

35.0159, 0.2300, 0.2008

Deuteranomaly

34.8791, 0.2276, 0.2046

Tritanomaly

34.7281, 0.2793, 0.2625

Monochromacy



Original Color

35.1540, 0.2503, 0.1964

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0236, 0.2878, 0.2735

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1540, 0.2503, 0.1964 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(173, 141, 255)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 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(173, 141, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 255) }
```

Border

The CSS property to change the border of an element to Yxy 35.1540, 0.2503, 0.1964 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(173, 141, 255) }
```

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

```
.border{ border-color:rgb(173, 141, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 141, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 141, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 141, 255);  
box-shadow:4px 4px 4px 4px rgb(173, 141,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1540, 0.2503, 0.1964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 255) }
```

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

```
.background{ background-color: rgb(173,  
141, 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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