

Converting Colors

$Y_{xy}(32.5403, 0.2507, 0.1944)$

Have a look what the booklet for
Yxy(32.5403, 0.2507, 0.1944)
contains.

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Color

Yxy(32.5403, 0.2507, 0.1944)

Conversions

Conversions Part 1

Format	Color
Hex	A987F8
RGB	169, 135, 248
RGB Percent	66%, 53%, 97%
CMY	0.3374, 0.4705, 0.0274
CMYK	0.32, 0.46, 0.00, 0.03
HSL	258°, 89%, 75%
HSV	258°, 46%, 97%
XYZ	41.9643, 32.5403, 92.8838
YIQ	158.0480, -16.0090, 42.3510

Conversions

Conversions Part 2

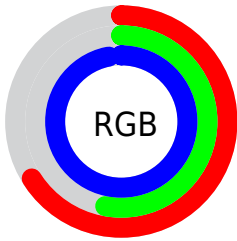
Format	Color
R_{YB}	169, 135, 248
Decimal	11110392
CIE _{Lab}	63.79, 36.82, -52.12
CIE _{LCh}	64, 63.812, 305.241
Yxy	32.5403, 0.2507, 0.1944
Android (android.graphics.Color)	4289300472 (0xFFA987F8)
YUV	158.0480, 44.3463, 9.6049
Hunter-Lab	57.0441, 31.4856, -56.6099

Details

The Yxy color **32.5403, 0.2507, 0.1944** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **83.1965, 0.3562, 0.4511**, and the grayscale version is **34.0152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9461, 0.2947, 0.2601**, and **13.6129, 0.2311, 0.1623** is the 20% darker color. If you saturate the color by 10%, you get **24.6146, 0.2334, 0.1622**, and if you desaturate by 10%, it is **42.3348, 0.2671, 0.2270**.

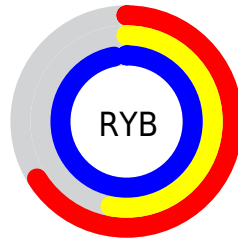
Distribution



Red (66%)

Green (53%)

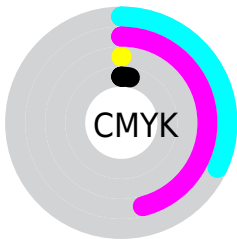
Blue (97%)



Red (66%)

Yellow (53%)

Blue (97%)

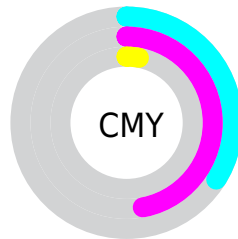


Cyan (32%)

Magenta (46%)

Yellow (0%)

Black (3%)



Cyan (34%)


Magenta (47%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.5403, 0.2507, 0.1944 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 32.5403, 0.2507, 0.1944 by changing the saturation by 10% instead.


 32.5403, 0.2507,
0.1944


 32.5403, 0.2507,
0.1944


313.5732, 0.2837,
0.2576


 21.7745, 0.2422,
0.1802


 63.6572, 0.2630,
0.2162

 13.6913, 0.2313,
0.1630


 84.7770, 0.2675,
0.2248

 7.9063, 0.2169,
0.1419


 110.1170, 0.2713,
0.2322

 4.0350, 0.1972,
0.1158

140.0616, 0.2746,
0.2386

 1.6932, 0.1697,
0.0838

174.9951, 0.2773,
0.2442

 0.4192, 0.1315,
0.0398

215.3019, 0.2798,

 0.0000, 0.0520,

0.2492

0.0000

261.3665, 0.2819,
0.2537

0.0000, 0.0000,
0.0000

32.5403, 0.2507,
0.1944

32.5403, 0.2507,
0.1944

24.6146, 0.2334,
0.1622

42.3348, 0.2671,
0.2270

18.4304, 0.2161,
0.1323

54.1064, 0.2820,
0.2585

13.8502, 0.1995,
0.1066

67.9594, 0.2954,
0.2881

10.7129, 0.1849,
0.0870

83.9895, 0.3070,
0.3151

8.8210, 0.1731,
0.0742

99.5579, 0.3168,
0.3357

■ 8.2541, 0.1687,
0.0703

Harmonies

Analogous

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



32.5403, 0.1851, 0.1851



32.5403, 0.2507, 0.1944



32.5403, 0.3469, 0.2288

Triad

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



32.5403, 0.2507, 0.1944



32.5403, 0.4955, 0.4165



32.5403, 0.1874, 0.3639

Complementary

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



32.5403, 0.2507, 0.1944



83.1965, 0.3562, 0.4511

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.



32.5403, 0.2582, 0.4726



32.5403, 0.2507, 0.1944



32.5403, 0.4357, 0.4825

Square

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



32.5403, 0.2507, 0.1944



32.5403, 0.5041, 0.3473



32.5403, 0.3492, 0.5161



32.5403, 0.1528, 0.2633

Rectangle

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



32.5403, 0.2507, 0.1944



32.5403, 0.4160, 0.2631



32.5403, 0.3492, 0.5161



32.5403, 0.2073, 0.4028

Sweetspot

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



32.5415, 0.2507, 0.1944



74.8669, 0.2973, 0.2924



60.0801, 0.2443, 0.2877



15.2843, 0.2946, 0.2863



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.



32.5415, 0.2507, 0.1944



26.5811, 0.2343, 0.1637



40.1843, 0.2980, 0.2109



16.8957, 0.3026, 0.3048



4.5219, 0.1701, 0.0711



0.4714, 0.1825, 0.0779

Inverse Universe

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



42.1492, 0.3495, 0.2474



38.2617, 0.3602, 0.2323



76.1210, 0.3189, 0.4671



17.4305, 0.3184, 0.3125



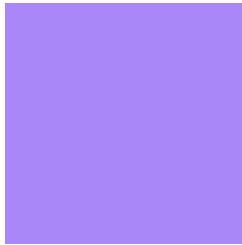
12.4467, 0.4149, 0.2059



1.1715, 0.4009, 0.1982

Previews

White Background



This preview shows how the Yxy color 32.5403, 0.2507, 0.1944 looks on a white background.

Color Contrast Check

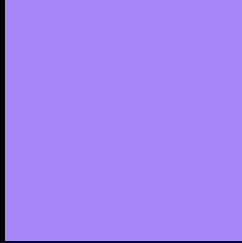
Large Text (above 18pt) WCAG AA × Fail

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 32.5403, 0.2507, 0.1944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

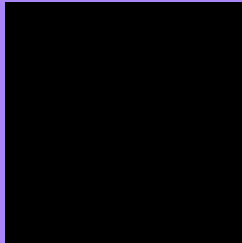
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5403, 0.2507, 0.1944

Background



This preview shows how black text looks on a background with the Yxy color 32.5403, 0.2507, 0.1944.



This preview shows how white text looks on a background with the Yxy color 32.5403, 0.2507, 0.1944.

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

32.5403, 0.2507, 0.1944

Protanopia

32.7980, 0.2135, 0.1956

Deuteranopia

32.9776, 0.2157, 0.2100



Tritanopia

32.5398, 0.3000, 0.3110

Trichromacy



Original Color

32.5403, 0.2507, 0.1944

Protanomaly

32.2656, 0.2251, 0.1944

Deuteranomaly

32.3616, 0.2261, 0.2034

Tritanomaly

32.1221, 0.2800, 0.2607

Monochromacy



Original Color

32.5403, 0.2507, 0.1944

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2557, 0.2879, 0.2719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5403, 0.2507, 0.1944 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(169, 135, 248)` looks like.

```
.text, #text, p{  
    color:rgb(169, 135, 248)  
}
```

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(169, 135, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 135, 248) }
```

Border

The CSS property to change the border of an element to Yxy 32.5403, 0.2507, 0.1944 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(169, 135, 248) }
```

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

```
.border{ border-color:rgb(169, 135, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 135, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 135, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 135, 248);  
box-shadow:4px 4px 4px 4px rgb(169, 135,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5403, 0.2507, 0.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 135, 248) }
```

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

```
.background{ background-color: rgb(169,  
135, 248) }
```

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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