

Converting Colors

$Y_{xy}(32.1293, 0.2449, 0.1928)$

Have a look what the booklet for
Yxy(32.1293, 0.2449, 0.1928)
contains.

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Color

Yxy(32.1293, 0.2449, 0.1928)

Conversions

Conversions Part 1

Format	Color
Hex	A288F9
RGB	162, 136, 249
RGB Percent	64%, 53%, 98%
CMY	0.3646, 0.4667, 0.0234
CMYK	0.35, 0.45, 0.00, 0.02
HSL	254°, 90%, 75%
HSV	254°, 45%, 98%
XYZ	40.8115, 32.1293, 93.7049
YIQ	156.6560, -20.7770, 40.6550

Conversions

Conversions Part 2

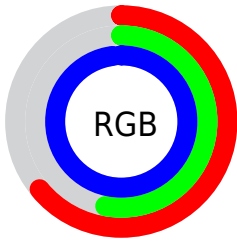
Format	Color
R_{YB}	162, 136, 249
Decimal	10651897
CIE _{Lab}	63.45, 34.76, -53.26
CIE _{LCh}	63, 63.594, 303.130
Yxy	32.1293, 0.2449, 0.1928
Android (android.graphics.Color)	4288841977 (0xFFA288F9)
YUV	156.6560, 45.5256, 4.6867
Hunter-Lab	56.6827, 29.3252, -58.3372

Details

The Yxy color **32.1293, 0.2449, 0.1928** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **85.2409, 0.3617, 0.4484**, and the grayscale version is **33.3550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.2626, 0.2896, 0.2601**, and **13.5255, 0.2242, 0.1614** is the 20% darker color. If you saturate the color by 10%, you get **24.0558, 0.2264, 0.1597**, and if you desaturate by 10%, it is **42.1405, 0.2627, 0.2262**.

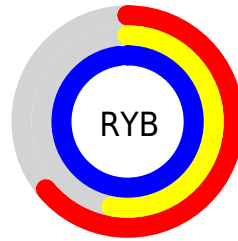
Distribution



Red (64%)

Green (53%)

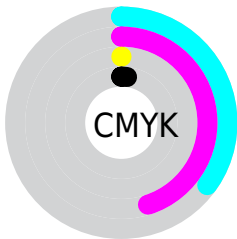
Blue (98%)



Red (64%)

Yellow (53%)

Blue (98%)

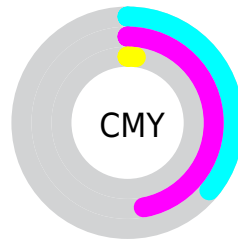


Cyan (35%)

Magenta (45%)

Yellow (0%)

Black (2%)



Cyan (36%)


Magenta (47%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1293, 0.2449, 0.1928 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 32.1293, 0.2449, 0.1928 by changing the saturation by 10% instead.


 32.1293, 0.2449,
0.1928

 32.1293, 0.2449,
0.1928


311.7078, 0.2808,
0.2569


 21.4603, 0.2358,
0.1784


 63.0137, 0.2581,
0.2150

 13.4609, 0.2241,
0.1610


 83.9979, 0.2631,
0.2236

 7.7467, 0.2087,
0.1396


 109.1893, 0.2672,
0.2311

 3.9333, 0.1880,
0.1132

138.9723, 0.2707,
0.2376

 1.6363, 0.1593,
0.0811

173.7312, 0.2738,
0.2433

 0.3819, 0.1202,
0.0362

213.8505, 0.2764,


 0.0000, 0.0336,


0.2484


0.0000


259.7146, 0.2787,
0.2529


 0.0000, 0.0000,
0.0000


 32.1293, 0.2449,
0.1928


 32.1293, 0.2449,
0.1928


 24.0558, 0.2264,
0.1597


 42.1405, 0.2627,
0.2262


 17.7881, 0.2080,
0.1288


 54.2022, 0.2791,
0.2584


 13.1833, 0.1909,
0.1025

 68.4228, 0.2937,
0.2883

 10.0742, 0.1763,
0.0825

 84.9019, 0.3065,
0.3155

 8.2570, 0.1652,
0.0700

 99.6220, 0.3162,
0.3347

■ 7.7226, 0.1612,
0.0662

Harmonies

Analogous

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



32.1293, 0.1817, 0.1854



32.1293, 0.2449, 0.1928



32.1293, 0.3395, 0.2256

Triad

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



32.1293, 0.2449, 0.1928



32.1293, 0.4982, 0.4116



32.1293, 0.1912, 0.3721

Complementary

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



32.1293, 0.2449, 0.1928



85.2409, 0.3617, 0.4484

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.



32.1293, 0.2642, 0.4786



32.1293, 0.2449, 0.1928



32.1293, 0.4411, 0.4785

Square

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



32.1293, 0.2449, 0.1928



32.1293, 0.5024, 0.3426



32.1293, 0.3557, 0.5160



32.1293, 0.1540, 0.2690

Rectangle

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



32.1293, 0.2449, 0.1928



32.1293, 0.4091, 0.2591



32.1293, 0.3557, 0.5160



32.1293, 0.2120, 0.4110

Sweetspot

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



32.1305, 0.2449, 0.1928



74.4558, 0.2956, 0.2922



65.6796, 0.2466, 0.2996



15.1851, 0.2926, 0.2861



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.



32.1305, 0.2449, 0.1928



26.4038, 0.2288, 0.1640



39.1993, 0.2899, 0.2084



16.8359, 0.3015, 0.3047



4.1848, 0.1624, 0.0669



0.4332, 0.1736, 0.0730

Inverse Universe

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



43.0791, 0.3416, 0.2404



39.3956, 0.3490, 0.2254



77.8798, 0.3247, 0.4641



17.4521, 0.3173, 0.3109



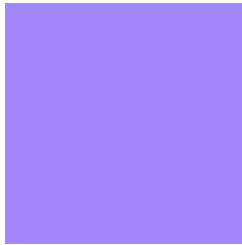
12.8321, 0.3895, 0.1919



1.2045, 0.3796, 0.1865

Previews

White Background



This preview shows how the Yxy color 32.1293, 0.2449, 0.1928 looks on a white background.

Color Contrast Check

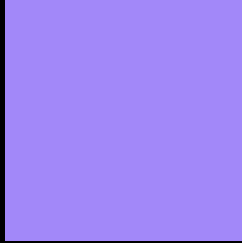
Large Text (above 18pt) WCAG AA × Fail

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 32.1293, 0.2449, 0.1928 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 32.1293, 0.2449, 0.1928

Background



This preview shows how black text looks on a background with the Yxy color 32.1293, 0.2449, 0.1928.



This preview shows how white text looks on a background with the Yxy color 32.1293, 0.2449, 0.1928.

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

32.1293, 0.2449, 0.1928

Protanopia

32.3477, 0.2123, 0.1940

Deuteranopia

32.4705, 0.2131, 0.2071



Tritanopia

32.1620, 0.2917, 0.3106

Trichromacy



Original Color

32.1293, 0.2449, 0.1928

Protanomaly

32.0098, 0.2222, 0.1927

Deuteranomaly

31.7322, 0.2224, 0.2003

Tritanomaly

31.7903, 0.2731, 0.2597

Monochromacy



Original Color

32.1293, 0.2449, 0.1928

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

32.5835, 0.2859, 0.2713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1293, 0.2449, 0.1928 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(162, 136, 249)` looks like.

```
.text, #text, p{  
    color:rgb(162, 136, 249)  
}
```

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(162, 136, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 136, 249) }
```

Border

The CSS property to change the border of an element to Yxy 32.1293, 0.2449, 0.1928 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(162, 136, 249) }
```

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

```
.border{ border-color:rgb(162, 136, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 136, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 136, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 136, 249);  
box-shadow:4px 4px 4px 4px rgb(162, 136,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1293, 0.2449, 0.1928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 136, 249) }
```

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

```
.background{ background-color: rgb(162,  
136, 249) }
```

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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