

Converting Colors

$Y_{xy}(29.4854, 0.2521, 0.2199)$

Have a look what the booklet for
Yxy(29.4854, 0.2521, 0.2199)
contains.

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Color

Yxy(29.4024, 0.2516, 0.2193)

Conversions

Conversions Part 1

Format	Color
Hex	928ADB
RGB	146, 138, 219
RGB Percent	57%, 54%, 86%
CMY	0.4274, 0.4588, 0.1410
CMYK	0.33, 0.37, 0.00, 0.14
HSL	246°, 53%, 70%
HSV	246°, 37%, 86%
XYZ	33.7330, 29.4024, 70.9385
YIQ	149.6260, -21.2330, 26.8870

Conversions

Conversions Part 2

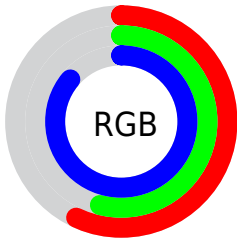
Format	Color
RYB	146, 138, 219
Decimal	9603803
CIELab	61.14, 21.53, -40.39
CIELCh	61, 45.768, 298.055
Yxy	29.4024, 0.2516, 0.2193
Android (android.graphics.Color)	4287793883 (0xFF928ADB)
YUV	149.6260, 34.2014, -3.1800
Hunter-Lab	54.2240, 16.1537, -39.6093

Details

The Yxy color **29.4024, 0.2516, 0.2193** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **66.3678, 0.3617, 0.4227**, and the grayscale version is **30.1932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.0382, 0.2768, 0.2587**, and **11.9351, 0.2311, 0.1889** is the 20% darker color. If you saturate the color by 10%, you get **22.0844, 0.2315, 0.1846**, and if you desaturate by 10%, it is **38.3022, 0.2706, 0.2527**.

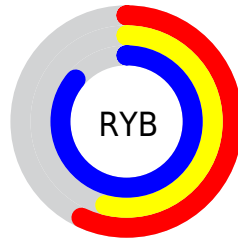
Distribution



Red (57%)

Green (54%)

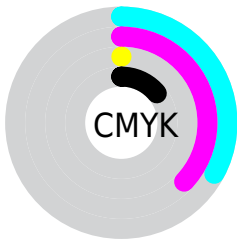
Blue (86%)



Red (57%)

Yellow (54%)

Blue (86%)

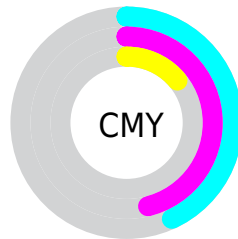


Cyan (33%)

Magenta (37%)

Yellow (0%)

Black (14%)



Cyan (43%)


Magenta (46%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4024, 0.2516, 0.2193 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 29.4024, 0.2516, 0.2193 by changing the saturation by 10% instead.


 29.4024, 0.2516,
0.2193


 29.4024, 0.2516,
0.2193


299.1089, 0.2843,
0.2738


 19.3854, 0.2430,
0.2061


 58.7158, 0.2639,
0.2389

 11.9491, 0.2317,
0.1896


 78.7811, 0.2684,
0.2463

 6.7090, 0.2165,
0.1684


 102.9645, 0.2721,
0.2526

 3.2808, 0.1952,
0.1406

131.6506, 0.2753,
0.2580

 1.2800, 0.1640,
0.1039

165.2237, 0.2780,
0.2628

 0.1257, 0.1189,
0.0232

204.0681, 0.2804,

 0.0000, 0.0000,

0.2669

0.0000

248.5684, 0.2825,
0.2706

■ 29.4024, 0.2516,
0.2193

■ 29.4024, 0.2516,
0.2193

■ 22.0844, 0.2315,
0.1846

■ 38.3022, 0.2706,
0.2527

■ 16.2521, 0.2112,
0.1504

■ 48.8655, 0.2878,
0.2836

■ 11.8043, 0.1920,
0.1190

■ 61.1725, 0.3032,
0.3114

■ 8.6256, 0.1754,
0.0930

■ 75.2972, 0.3165,
0.3361

■ 6.5816, 0.1627,
0.0743

■ 91.3092, 0.3281,
0.3576

■ 5.5001, 0.1546,
0.0638

■ 97.8963, 0.3339,
0.3641

■ 5.2830, 0.1529,
0.0616

Harmonies

Analogous

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



29.4024, 0.2046, 0.2183



29.4024, 0.2516, 0.2193



29.4024, 0.3212, 0.2426

Triad

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



29.4024, 0.2516, 0.2193



29.4024, 0.4585, 0.3906



29.4024, 0.2291, 0.3758

Complementary

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



29.4024, 0.2516, 0.2193



66.3678, 0.3617, 0.4227

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.



29.4024, 0.2909, 0.4443



29.4024, 0.2516, 0.2193



29.4024, 0.4244, 0.4403

Square

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



29.4024, 0.2516, 0.2193



29.4024, 0.4496, 0.3354



29.4024, 0.3625, 0.4662



29.4024, 0.1922, 0.2983

Rectangle

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



29.4024, 0.2516, 0.2193



29.4024, 0.3726, 0.2683



29.4024, 0.3625, 0.4662



29.4024, 0.2475, 0.4019

Sweetspot

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



29.4035, 0.2516, 0.2193



78.9082, 0.2971, 0.3004



57.7468, 0.2600, 0.3202



16.3798, 0.2950, 0.2966



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.



29.4035, 0.2516, 0.2193



33.6647, 0.2368, 0.1938



33.6394, 0.2855, 0.2290



12.6785, 0.2996, 0.3049



3.1532, 0.1535, 0.0619



0.2258, 0.1630, 0.0671

Inverse Universe

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



37.9451, 0.3244, 0.2458



47.3708, 0.3272, 0.2302



61.2596, 0.3313, 0.4328



13.2515, 0.3153, 0.3082



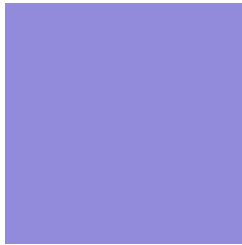
11.3388, 0.3474, 0.1687



0.7412, 0.3425, 0.1660

Previews

White Background



This preview shows how the Yxy color 29.4024, 0.2516, 0.2193 looks on a white background.

Color Contrast Check

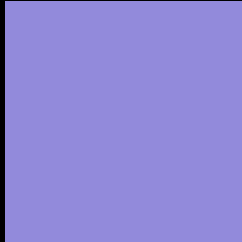
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4024, 0.2516, 0.2193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

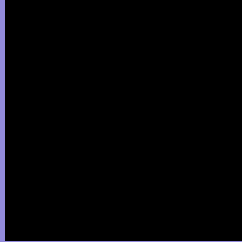
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4024, 0.2516, 0.2193

Background



This preview shows how black text looks on a background with the Yxy color 29.4024, 0.2516, 0.2193.



This preview shows how white text looks on a background with the Yxy color 29.4024, 0.2516, 0.2193.

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

29.4024, 0.2516, 0.2193

Protanopia

29.6090, 0.2299, 0.2173

Deuteranopia

29.3494, 0.2333, 0.2271



Tritanopia

29.4897, 0.2864, 0.3098

Trichromacy



Original Color

29.4024, 0.2516, 0.2193

Protanomaly

29.3408, 0.2371, 0.2171

Deuteranomaly

29.2961, 0.2395, 0.2236

Tritanomaly

29.3799, 0.2723, 0.2730

Monochromacy



Original Color

29.4024, 0.2516, 0.2193

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0425, 0.2891, 0.2856

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4024, 0.2516, 0.2193 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(146, 138, 219)` looks like.

```
.text, #text, p{  
    color:rgb(146, 138, 219)  
}
```

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(146, 138, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 138, 219) }
```

Border

The CSS property to change the border of an element to Yxy 29.4024, 0.2516, 0.2193 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(146, 138, 219) }
```

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

```
.border{ border-color:rgb(146, 138, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 138, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 138, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 138, 219);  
box-shadow:4px 4px 4px 4px rgb(146, 138,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4024, 0.2516, 0.2193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 138, 219) }
```

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

```
.background{ background-color: rgb(146,  
138, 219) }
```

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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