

Converting Colors

$Y_{xy}(29.4248, 0.2401, 0.2059)$

Have a look what the booklet for
Yxy(29.4248, 0.2401, 0.2059)
contains.

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Color

Yxy(29.6092, 0.2402, 0.2062)

Conversions

Conversions Part 1

Format	Color
Hex	8D8AE7
RGB	141, 138, 231
RGB Percent	55%, 54%, 91%
CMY	0.4472, 0.4588, 0.0941
CMYK	0.39, 0.40, 0.00, 0.09
HSL	242°, 66%, 72%
HSV	242°, 40%, 91%
XYZ	34.4914, 29.6092, 79.4940
YIQ	149.4990, -28.0650, 29.5590

Conversions

Conversions Part 2

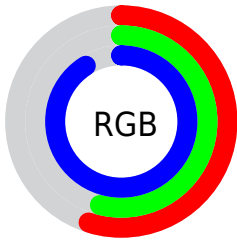
Format	Color
R _Y B	141, 138, 231
Decimal	9276135
CIE Lab	61.32, 23.38, -46.79
CIE LCh	61, 52.304, 296.553
Yxy	29.6092, 0.2402, 0.2062
Android (android.graphics.Color)	4287466215 (0xFF8D8AE7)
YUV	149.4990, 40.1800, -7.4536
Hunter-Lab	54.4143, 17.9201, -48.5268

Details

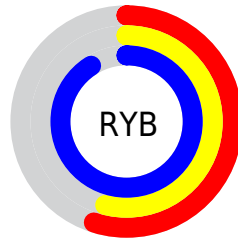
The Yxy color **29.6092, 0.2402, 0.2062** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **75.4851, 0.3706, 0.4293**, and the grayscale version is **30.1112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.4874, 0.2741, 0.2582**, and **12.0530, 0.2177, 0.1742** is the 20% darker color. If you saturate the color by 10%, you get **21.9052, 0.2189, 0.1707**, and if you desaturate by 10%, it is **39.1207, 0.2608, 0.2409**.

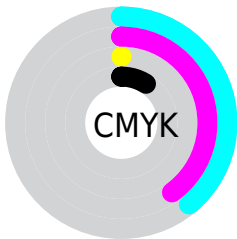
Distribution



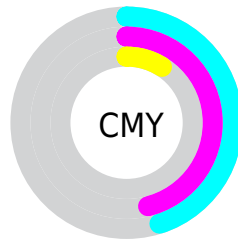
- Red (55%)
- Green (54%)
- Blue (91%)



- Red (55%)
- Yellow (54%)
- Blue (91%)



- Cyan (39%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)





- Cyan (45%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.6092, 0.2402, 0.2062 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 29.6092, 0.2402, 0.2062 by changing the saturation by 10% instead.

 29.6092, 0.2402,
0.2062


 29.6092, 0.2402,
0.2062


300.0786, 0.2785,
0.2663

 19.5421, 0.2303,
0.1920


 59.0436, 0.2544,
0.2275

 12.0627, 0.2176,
0.1745


 79.1797, 0.2597,
0.2357

 6.7864, 0.2007,
0.1525


 103.4410, 0.2641,
0.2427

 3.3289, 0.1777,
0.1244

132.2119, 0.2679,
0.2487

 1.3057, 0.1453,
0.0888

165.8766, 0.2711,
0.2539

 0.1456, 0.1016,
0.0209

204.8198, 0.2739,

 0.0000, 0.0000,

0.2586

0.0000

249.4256, 0.2764,
0.2627

■ 29.6092, 0.2402,
0.2062

■ 29.6092, 0.2402,
0.2062

■ 21.9052, 0.2189,
0.1707

■ 39.1207, 0.2608,
0.2409

■ 15.8912, 0.1983,
0.1365

■ 50.5406, 0.2800,
0.2733

■ 11.4413, 0.1799,
0.1064

■ 63.9662, 0.2972,
0.3025

■ 8.4104, 0.1652,
0.0828

■ 79.4873, 0.3124,
0.3284

■ 6.6262, 0.1555,
0.0677

■ 97.1882, 0.3255,
0.3509

■ 5.8165, 0.1507,
0.0604

■ 98.5492, 0.3268,
0.3522

Harmonies

Analogous

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



29.6092, 0.1901, 0.2058



29.6092, 0.2402, 0.2062



29.6092, 0.3172, 0.2307

Triad

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



29.6092, 0.2402, 0.2062



29.6092, 0.4780, 0.3921



29.6092, 0.2207, 0.3870

Complementary

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



29.6092, 0.2402, 0.2062



75.4851, 0.3706, 0.4293

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.



29.6092, 0.2904, 0.4655



29.6092, 0.2402, 0.2062



29.6092, 0.4398, 0.4499

Square

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



29.6092, 0.2402, 0.2062



29.6092, 0.4667, 0.3311



29.6092, 0.3706, 0.4850



29.6092, 0.1790, 0.2966

Rectangle

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



29.6092, 0.2402, 0.2062



29.6092, 0.3761, 0.2584



29.6092, 0.3706, 0.4850



29.6092, 0.2414, 0.4175

Sweetspot

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



29.6103, 0.2402, 0.2062



76.8139, 0.2942, 0.2975



67.4589, 0.2571, 0.3269



15.9508, 0.2920, 0.2937



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.



29.6103, 0.2402, 0.2062



29.1608, 0.2232, 0.1777



34.3964, 0.2769, 0.2176



13.9089, 0.2985, 0.3047



3.2710, 0.1510, 0.0606



0.2495, 0.1539, 0.0621

Inverse Universe

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



40.7731, 0.3200, 0.2328



44.8980, 0.3215, 0.2154



69.0460, 0.3370, 0.4417



14.6069, 0.3143, 0.3066



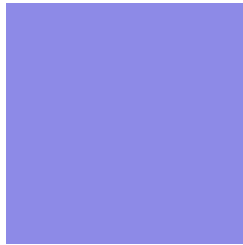
12.5349, 0.3290, 0.1586



0.9288, 0.3277, 0.1579

Previews

White Background



This preview shows how the Yxy color 29.6092, 0.2402, 0.2062 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 29.6092, 0.2402, 0.2062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

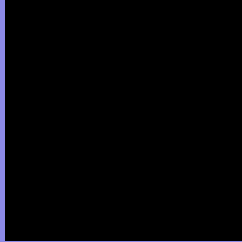
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.6092, 0.2402, 0.2062

Background



This preview shows how black text looks on a background with the Yxy color 29.6092, 0.2402, 0.2062.



This preview shows how white text looks on a background with the Yxy color 29.6092, 0.2402, 0.2062.

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

29.6092, 0.2402, 0.2062

Protanopia

29.8100, 0.2197, 0.2041

Deuteranopia

29.9011, 0.2209, 0.2153



Tritanopia

29.4968, 0.2769, 0.3095

Trichromacy



Original Color

29.6092, 0.2402, 0.2062

Protanomaly

29.5551, 0.2265, 0.2039

Deuteranomaly

29.5816, 0.2270, 0.2108

Tritanomaly

29.3236, 0.2627, 0.2668

Monochromacy



Original Color

29.6092, 0.2402, 0.2062

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.6165, 0.2828, 0.2781

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.6092, 0.2402, 0.2062 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(141, 138, 231)` looks like.

```
.text, #text, p{  
    color:rgb(141, 138, 231)  
}
```

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(141, 138, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 138, 231) }
```

Border

The CSS property to change the border of an element to Yxy 29.6092, 0.2402, 0.2062 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(141, 138, 231) }
```

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

```
.border{ border-color:rgb(141, 138, 231) }
```

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

Here you see how a box with a 4 pixel rgb(141, 138, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 138, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 138, 231);  
box-shadow:4px 4px 4px 4px rgb(141, 138,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 29.6092, 0.2402, 0.2062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 138, 231) }
```

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

```
.background{ background-color: rgb(141,  
138, 231) }
```

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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