

Converting Colors

YIQ(96.1630, 1.4060, 84.6860)

Have a look what the booklet for
YIQ(96.1630, 1.4060, 84.6860)
contains.

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Color

**YIQ(96.1630, 1.4060,
84.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	9629EF
RGB	150, 41, 239
RGB Percent	59%, 16%, 94%
CMY	0.4114, 0.8394, 0.0629
CMYK	0.37, 0.83, 0.00, 0.06
HSL	273°, 86%, 55%
HSV	273°, 83%, 94%
XYZ	28.9614, 14.3058, 82.8670
YIQ	96.1630, 1.4060, 84.6860

Conversions

Conversions Part 2

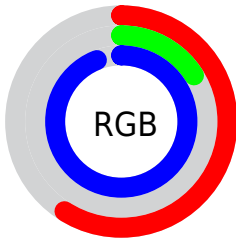
Format	Color
R _{YB}	150, 41, 239
Decimal	9841135
CIE Lab	44.67, 74.96, -78.00
CIE LCh	45, 108.178, 313.860
Yxy	14.3058, 0.2296, 0.1134
Android (android.graphics.Color)	4288031215 (0xFF9629EF)
YUV	96.1630, 70.4186, 47.2150
Hunter-Lab	37.8230, 70.4888, -103.4233

Details

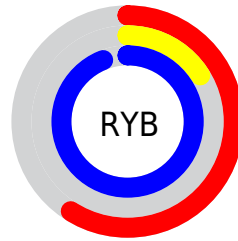
The YIQ color **96.1630, 1.4060, 84.6860** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **183.8370, -1.4060, -84.6860**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.0330, 15.8510, 70.6910**, and **47.3590, -5.3780, 75.4700** is the 20% darker color. If you saturate the color by 10%, you get **78.7860, 1.4500, 94.9060**, and if you desaturate by 10%, it is **113.5400, 1.3620, 74.4660**.

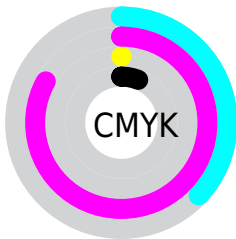
Distribution



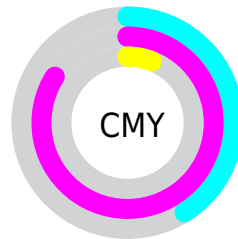
- Red (59%)
- Green (16%)
- Blue (94%)



- Red (59%)
- Yellow (16%)
- Blue (94%)



- Cyan (37%)
- Magenta (83%)
- Yellow (0%)
- Black (6%)





- Cyan (41%)
- Magenta (84%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.1630, 1.4060, 84.6860 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 YIQ color 96.1630, 1.4060, 84.6860 by changing the saturation by 10% instead.


 96.1630, 1.4060,
84.6860


 96.1630, 1.4060,
84.6860


255.0000, -0.0000,
-0.0000


 59.8200, 4.1100,
90.7500


 152.0330, 15.8510,
70.6910


 47.3590, -5.3780,
75.4700


 177.4390, 26.0310,
62.4070


 34.0010, -16.6540,
59.5540


 198.6480, 26.4000,
50.2080

 15.6740, -38.3830,
40.3450

 215.0840, 18.7000,
35.5640

 11.5140, -32.4210,
31.4110

 232.6940, 10.4500,
19.8740

 9.8380, -24.9460,
22.5900

 249.7170, 2.4750,

 8.2760, -17.7920,

4.7070

14.0800

■ 4.5940, -10.1800,
8.2840

■ 0.0000, 0.0000,
0.0000

■ 96.1630, 1.4060,
84.6860

■ 96.1630, 1.4060,
84.6860

■ 78.7860, 1.4500,
94.9060

■ 113.5400, 1.3620,
74.4660

■ 66.7140, 1.9530,
102.3130

■ 130.9170, 1.3180,
64.2460

■ 147.9950, 0.6780,
53.8140

■ 165.3720, 0.6340,
43.5940

182.1620, 0.8650,
33.8970

199.2400, 0.2250,
23.4650

216.6170, 0.1810,
13.2450

233.9940, 0.1370,
3.0250

250.7840, 0.3680,
-6.6720

Harmonies

Analogous

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



91.2920, -111.0050, 23.8670



96.1630, 1.4060, 84.6860



87.6790, 88.1500, 98.5340

Triad

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



96.1630, 1.4060, 84.6860



98.9530, 77.3030, -7.7930



97.7640, -85.1370, -26.4570

Complementary

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



96.1630, 1.4060, 84.6860



183.8370, -1.4060, -84.6860

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.



84.9450, -53.1750, -55.0550



96.1630, 1.4060, 84.6860



94.4150, 22.0150, -41.0650

Square

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



96.1630, 1.4060, 84.6860



66.9760, 133.5040, 47.4880



75.7230, -35.4750, -67.4670



107.4540, -112.4220, -0.0220

Rectangle

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



96.1630, 1.4060, 84.6860



86.0360, 117.2210, 83.7890



75.7230, -35.4750, -67.4670



93.6430, -74.9110, -35.5750

Sweetspot

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



96.1630, 1.4060, 84.6860



208.7610, 0.3160, 27.3240



115.8150, -88.0330, 15.0310



99.7250, -0.0030, 16.5810



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1630, 1.4060, 84.6860



73.2890, 1.9520, 107.8400



121.6340, 57.6600, 100.4440



111.1620, -0.2760, 5.0040



51.1750, 1.1320, 78.6360



15.6530, 0.5000, 23.9880

Inverse Universe

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



110.3480, 89.4390, 69.6550



91.2300, 113.9190, 88.5670



158.3660, -57.6600, -100.4440



112.1580, 5.5470, 4.0990



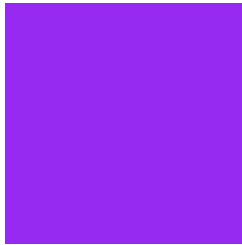
64.3640, 83.3420, 64.5100



19.5940, 25.3510, 19.6470

Previews

White Background



This preview shows how the YIQ color 96.1630, 1.4060, 84.6860 looks on a white background.

Color Contrast Check

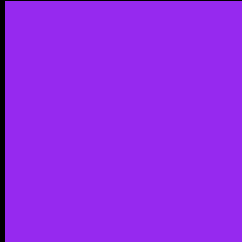
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 96.1630, 1.4060, 84.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

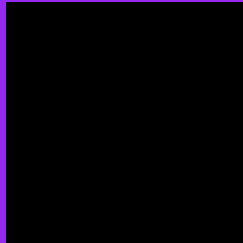
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.1630, 1.4060, 84.6860

Background



This preview shows how black text looks on a background with the YIQ color 96.1630, 1.4060, 84.6860.



This preview shows how white text looks on a background with the YIQ color 96.1630, 1.4060,

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

96.1630, 1.4060, 84.6860

Protanopia

84.3840, -97.0650, 13.5190

Deuteranopia

85.1870, -89.6810, 0.8390



Tritanopia

107.3870, 12.3320, 7.7880

Trichromacy



Original Color

96.1630, 1.4060, 84.6860



Protanomaly

88.9410, -61.1240, 39.4840



Deuteranomaly

89.1230, -56.1250, 31.4830



Tritanomaly

103.2230, 8.0630, 35.6070

Monochromacy



Original Color

96.1630, 1.4060, 84.6860



Achromatopsia

96.0000, -0.0000, 0.0000



Achromatomaly

96.1680, 0.7280, 30.8720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.1630, 1.4060, 84.6860 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(150, 41, 239)` looks like.

```
.text, #text, p{  
    color:rgb(150, 41, 239)  
}
```

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(150, 41, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 41, 239) }
```

Border

The CSS property to change the border of an element to YIQ 96.1630, 1.4060, 84.6860 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(150, 41, 239) }
```


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

```
.border{ border-color:rgb(150, 41, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 41, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 41, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 41, 239);  
box-shadow:4px 4px 4px 4px rgb(150, 41,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 96.1630, 1.4060, 84.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 41, 239) }
```

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

```
.background{ background-color: rgb(150, 41,  
239) }
```

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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